



64 QAM



256 QAM

Slot 8								d 🔀
Channel Power Or	cupied BW	NR 4 wer Stat CCDF	5G NR 5 Monitor Spectrum	5G NR 6 ACP	5G NR 9 Modulation Analysis	+ SCPI	Amplitude	
KEYSIGHT Input: RF Coupling: AC Ext Gain: 42		Range: 48 dBm	Trig Free Run Gate: FFT	Canter Ref Freq. 3.649485000 GHz Avg Held >9/9 CC Into: DL, 1 CC			Range 48 dBm	Y Scale
1 Graph v Scale/Div 10.0 dB			ef Value 40.00 dBm				Adjust Range for Min Clipping	Range
Scale/JW 10.0 dB			deo BW 3.0000 MHz*		Sweep (FFT)223	Span 200 MHz	Min Acq Time for Adjust Range 0 00000 s Restart Meas on Adjust Range On Off Pro Adjust for Min Cilipping Off • Pesk to Average Ratio 11.8 dB	Signal Path
2 Metrics		578 kHz 16 MHz Ulgo current frequency 19	ngé resulted	Measure Trace Active Carrier(s) Total Power % of OBW Power x dB	Trace 1 37 8 dBm 99.00 % -26 00 dB		Mixer Lvi Offset 0 dB	

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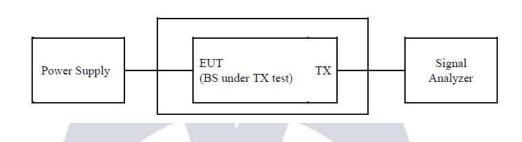


5.5 PEAK TO AVERAGE RATIO

1.14.1 Limits of Peak to Average Ratio Measurement

IN MEASURING TRANSMISSIONS IN THIS BAND USING AN AVERAGE POWER TECHNIQUE, THE PEAK TO-AVERAGE RATIO (PAR) OF THE TRANSMISSION MAY NOT EXCEED 13 DB.

1.14.2Test Setup



1.14.3 Test Procedures

- **1.** SET RESOLUTION/MEASUREMENT BANDWIDTH ≥ SIGNAL'S OCCUPIED BANDWIDTH;
- 2. SET THE NUMBER OF COUNTS TO A VALUE THAT STABILIZES THE MEASURED CCDF CURVE;
- 3. RECORD THE MAXIMUM PAPR LEVEL ASSOCIATED WITH A PROBABILITY OF 0.1 %.





1.14.4Test Result

Frequency	Bandwidth	Peak to	Limit	Result
(MHz)	(MHz)	Average	(dB)	
		Ratio (dB)		
3556.150	10	8.65	≤ 13.00	Pass
3625.005	10	8.59	≤ 13.00	Pass
3693.720	10	8.65	≤ 13.00	Pass
3560.760	20	8.52	≤ 13.00	Pass
3625.005	20	8.45	≤ 13.00	Pass
3689.220	20	8.44	≤ 13.00	Pass
3570.765	40	8.84	≤ 13.00	Pass
3625.005	40	8.75	≤ 13.00	Pass
3679.245	40	8.90	≤ 13.00	Pass
3590.565	80	8.86	≤ 13.00	Pass
3625.005	80	8.74	≤ 13.00	Pass
3659.430	80	8.82	≤ 13.00	Pass
3600.570	100	8.79	≤ 13.00	Pass
3625.005	100	8.74	≤ 13.00	Pass
3649.485	100	8.88	≤ 13.00	Pass





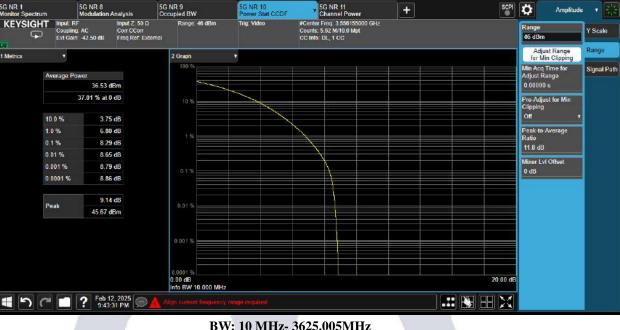
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Report No.: AAEMT/RF/250311-01

Test Plots

Slot 8

10 MHz @3556.150MHz 5G NR 9 Occupied BW + 5G NR 11 Channel Po



BW: 10 MHz- 3625.005MHz

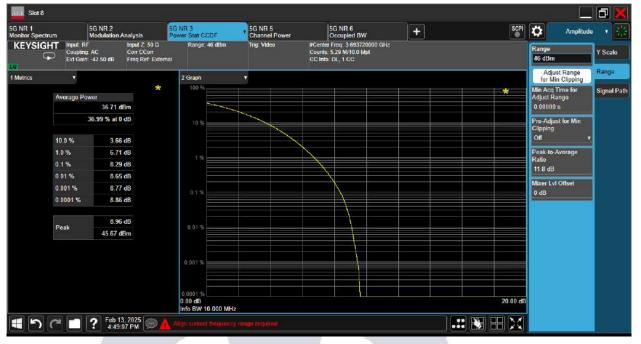


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BM 10MHz@ 3693.720MHz



BW:20MHz@3560.760MHz







BW:20MHz@3625.005MHz



BW:20MHz@3689.220MHz



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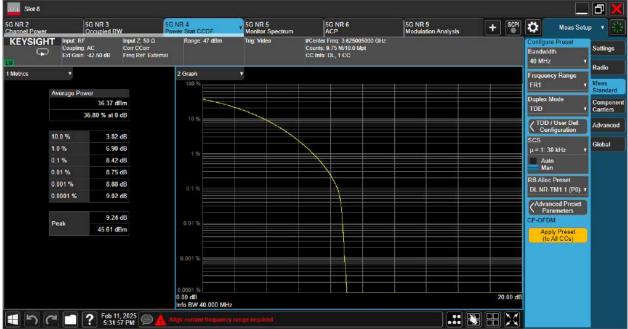




Report No.: AAEMT/RF/250311-01 BW:40MHz@3570.765MHz

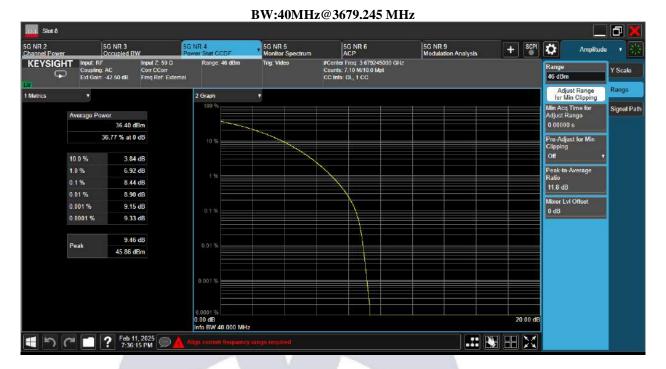


BW:40MHz@3625.005MHz









BW:80MHz@3590.565 MHz



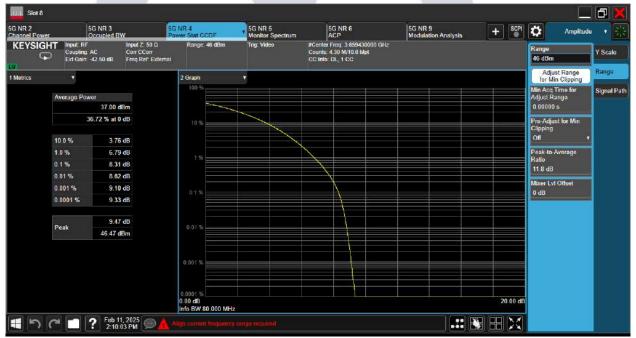




Report No.: AAEMT/RF/250311-01 BW:80MHz@3625.005 MHz



BW:80MHz@3659.430 MHz



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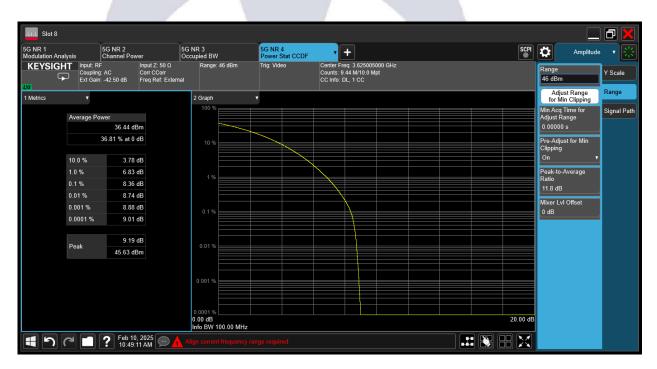




Report No.: AAEMT/RF/250311-01 BW:100MHz@3600.570 MHz



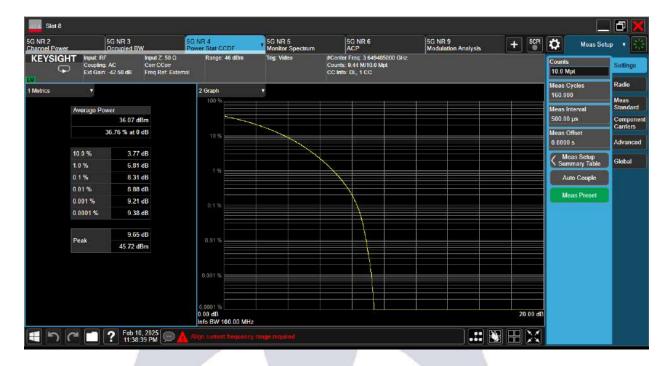
BW:100MHz@3625.005 MHz







Report No.: AAEMT/RF/250311-01 BW:100MHz@3649.485 MHz



Note:- Testing is carried out in all possible configuration , only worst case plot reported.

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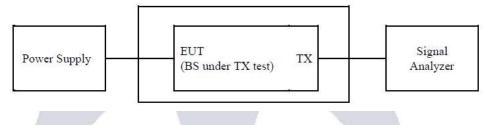


1.15 Conducted Spurious Emissions

1.15.1 Limits of Conducted Spurious Emissions Measurement

Power of any emissions outside the Fundamental	Limit
Within 0-10MHz above the Assigned Channel	12 dBm/MU
Within 0-10MHz below the Assigned Channel	-13 dBm/MHz
Greater than 0-10MHz above the Assigned Channel	-25 dBm/MHz
Greater than 0-10MHz below the Assigned Channel	
Power of any emission below 3530MHz	-40 dBm/MHz
Power of any emission above 3720MHz	

1.15.2Test Setup



1.15.3 Test Procedure

- 1. Set the analyzer frequency to low or high channel.
- 2. RBW = 100kHz or 1MHz
- 3. VBW ≥ 3*RBW
- 4. Sweep time = auto
- 5. Detector = power averaging (rms)
- 6. Set sweep trigger to "free run."
- 7. Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple. To accurately determine the average power over the on and off time of the transmitter, it can be necessary to increase the number of traces to be averaged above 100, or if using a manually configured sweep time, increase the sweep time.

SR. NO.	FREQUENCY RANGE	RBW
1.	9KHZ~30MHZ	100KHZ
2.	30MHZ~3GHZ	1MHZ
3.	3GHZ~20GHZ	1MHZ

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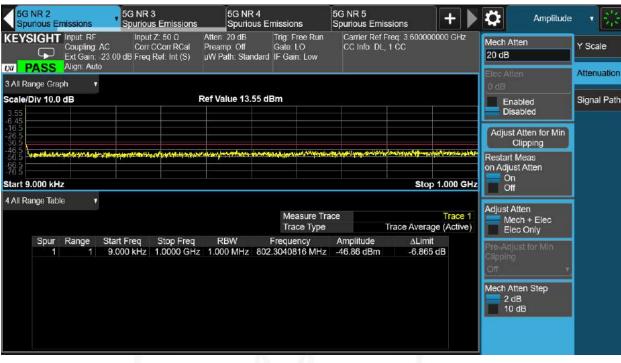


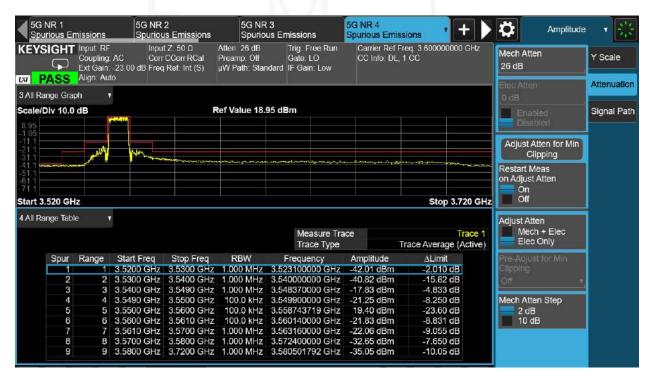


1.15.4 Test Results

10MHz @3556.150MHz

ANT1





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Report No.: AAEMT/RF/250311-01

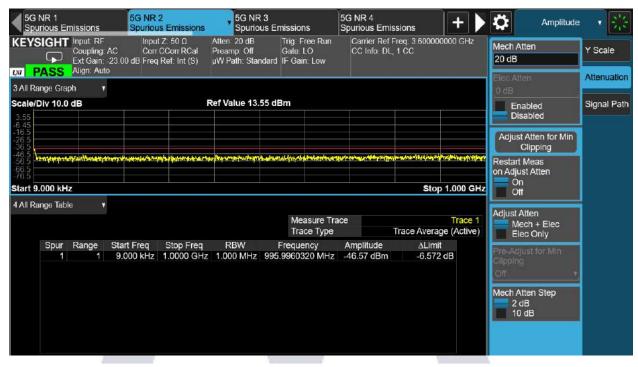






10MHz @3693.720MHz

ANT1



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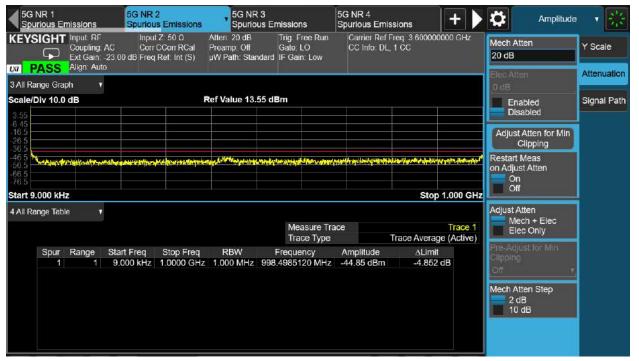


Report No.: AAEMT/RF/250311-01



20MHz @3560.760MHz

ANT1

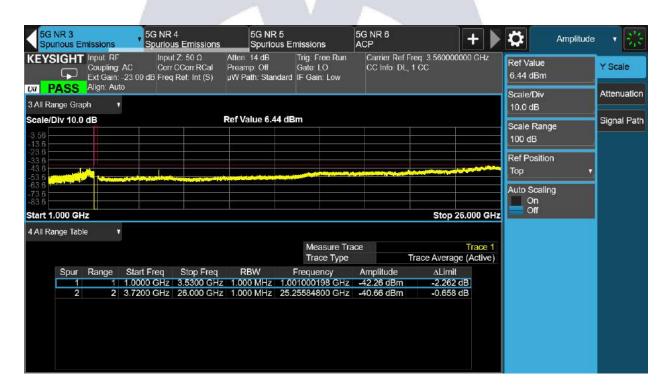






Report No.: AAEMT/RF/250311-01

5G NR 3 Spurious En	nissions	5G NR Spurio	4 Js Emissions	5G NR Spuriou	5 s Emissions	5G NR 6 ACP	+	Trigger	1
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ant 3.520 GH:				1		an the gap to the second s	Stop 3.720 GHz	Control Edge Level	
All Range Table	9 🔻				Measure Tra Trace Type	ace	Trace 1 Trace Average (Active)	Gate Holdoff 1.169 ms	
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2 3 4	3	3.5400 GHz	3.5490 GHz	1.000 MHz	3.540000000 GHz 3.549000000 GHz 3.549670000 GHz	-29.07 dBn	n -16.07 dB	Gate Delay Compensation	
5 6 7	5 6	3.5500 GHz 3.5700 GHz		200.0 kHz 200.0 kHz	3.556331658 GHz 3.570070000 GHz 3.577030000 GHz	19.31 dBr -32.15 dBr	n -23.69 dB n -19.15 dB	Group Delay Gate View Sweep	
8	8	3.5800 GHz	3.5900 GHz	1.000 MHz	3.580600000 GHz 3.590501931 GHz	-32.06 dBn	n -7.058 dB	Time 10.000 ms	







20MHz @3625.005MHz

ANT1

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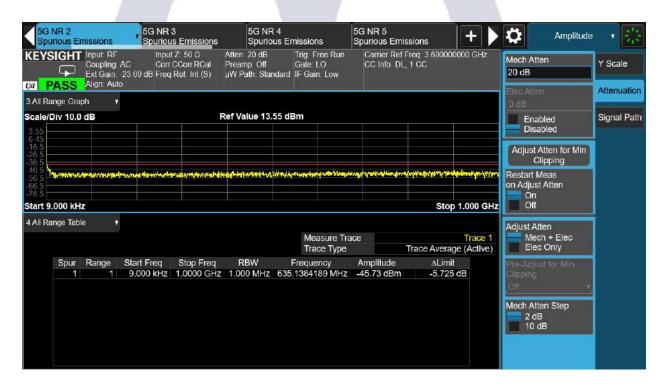




Report No.: AAEMT/RF/250311-01



20MHz @3689.220MHz ANT1

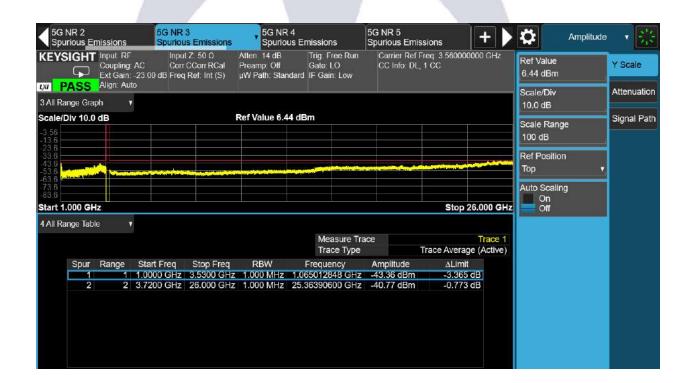






Report No.: AAEMT/RF/250311-01

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40MHz @3570.765MHz

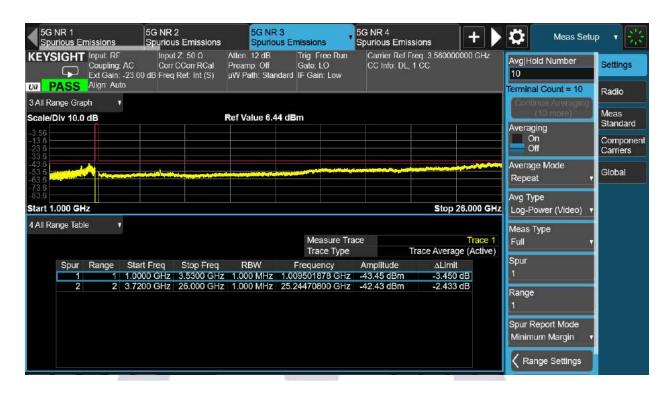
ANT1



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40MHz @3625.005MHz

ANT1

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	NR 1 urious E	missions	5G NR Spuriou	2 Is Emissions	5G NR 3 Spurious	s Emissions	5G I Spu	NR 4 rious Emis	sions +		Amplitude	· · 🔆
	Sight Sight Sight	Input RF Coupling Ext Gain: Align: Au	AC Corr -23.00 dB Freq	t Ζ: 50 Ω CCorr RCal Ref: Int (S)	Atten 20 dB Preamp: Off µW Path: Stand	Trig: Free Gate: LO ard IF Gain: L	C	arrier Ref F C Info: DL,	req 3.600000000 G 1 CC	Hz	Mech Atten 20 dB	Y Scale
ALCONTRACTOR OF	ange Gra	iph 1									Elec Atten 0 dB	Attenuation
	Div 10.0) dB			Ref Value 13.55	5 dBm				_	Enabled Disabled	Signal Path
3.55 -6.45 -10.5 -26.5 -36.5 -46.5											Adjust Atten for Min Clipping	
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Start 9	.000 kH	z							Stop 1.000	GHz	Off	
4 All Ra	ange Tab	le 1									Adjust Atten	
						Measu Trace	ire Trace Type	11 	Trace Trace Average (Act		Mech + Elec Elec Only	
	Spur 1	Range 1	Start Freq 9.000 kHz	Stop Freq 1.0000 GHz	RBW 1.000 MHz	Frequency 966.4667683		plitude .77 dBm	∆Limit -5.773 dB		Pre-Adjust for Min Clipping Off v	
											Mech Atten Step 2 dB 10 dB	

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Report No.: AAEMT/RF/250311-01

5G NR 4 Spurious E	missions	5G NR Spuriou	5 Is Emissions	5G NR ACP	6	5G NR 7 Spurious En	nissions +	•	Displa Displa	y , , 😤
Keysight Mage Pass	Coupling: Ext Gain:	AC Corr -23.00 dB Freq	CCorr RCal	Atten: 26 dB Preamp: Off µW Path: Stan	Trig: Free Ru Gate: LO Idard IF Gain: Low	n Carrier Re CC Info: D	if Freq: 3.625000000 ()L, 1 CC	GHz	View Graph+Metrics	View
3 All Range Gra	aph 🔻			ef Value 28.9	05 dBm				All Ranges *	Annotation
19.0 8.95 -1.05 -11.0									User View Autosaved	
-21.0 -31.0 -41.0			- Lanner market		الماري	Walnut Mar			Restore Layout To Default	
-51.0 -61.0 Start 3.530 GH	Hz						Stop 3.72		Save Layout as New View	
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4 All Range Tab	ole 🔻						0.00 5.12	0 GHZ	Re-Save User Viev	
4 A∥ Range Tab	ole 🔻				Measure Trace Typ			ace 1	Re-Save User Viev Rename User Viev	
4 All Range Tab Spur	le v Range	Start Freq	Stop Freq	RBW			Tra	ace 1	Rename User Viev	
	Range		Stop Freq 3.5850 GHz		Trace Typ	e Amplitude	Trace Average (Ad ALimit	ace 1		
Spur	Range 1 2	3.5300 GHz 3.5850 GHz	3.5850 GHz 3.5950 GHz	1.000 MHz 1.000 MHz	Trace Typ Frequency 3.577431193 GF 3.594900000 GF	e Amplitude Iz -34.40 dBm Iz -27.06 dBm	Trace Average (Ad 	ace 1	Réname User Viev Delete User View	
Spur 1 2 3	Range 1 2 3	3.5300 GHz 3.5850 GHz 3.5950 GHz	3.5850 GHz 3.5950 GHz 3.6040 GHz	1.000 MHz 1.000 MHz 1.000 MHz	Trace Typ Frequency 3.577431193 GF 3.594900000 GF 3.598870000 GF	e Amplitude 12 -34.40 dBm 12 -27.06 dBm 12 -26.03 dBm	Trace Average (Ad ALimit -9.396 dB -2.056 dB 1 -13.03 dB	ace 1	Rename User Viev	
Spur 1 2 3 4	Range 1 2 3 4	3.5300 GHz 3.5850 GHz 3.5950 GHz 3.6040 GHz	3.5850 GHz 3.5950 GHz 3.6040 GHz 3.6050 GHz	1.000 MHz 1.000 MHz 1.000 MHz 430.0 kHz	Trace Typ Frequency 3.577431193 GF 3.594900000 GF 3.598870000 GF 3.604840000 GF	e Amplitude 12 -34.40 dBm 12 -27.06 dBm 12 -26.03 dBm 12 -28.42 dBm	Trace Average (Ad <u>ALimit</u> <u>-9.396 dB</u> <u>-2.056 dB</u> <u>1.13.03 dB</u> <u>1.15.42 dB</u>	ace 1	Rename User View Delete User View Delete All User	
Spur 1 2 3 4 5	Range 1 2 3 4 5	3.5300 GHz 3.5850 GHz 3.5950 GHz 3.6040 GHz 3.6050 GHz	3.5850 GHz 3.5950 GHz 3.6040 GHz 3.6050 GHz 3.6450 GHz	1.000 MHz 1.000 MHz 1.000 MHz 430.0 kHz 430.0 kHz	Trace Typ Frequency 3.577431193 GH 3.594900000 GH 3.598870000 GH 3.604840000 GH 3.634837838 GH	e Amplitude 12 -34.40 dBm 12 -27.06 dBm 12 -26.03 dBm 12 -28.42 dBm 12 18.43 dBm	Trace Average (Ad ALImit -9.396 dB -2.056 dB -13.03 dB -15.42 dB -24.57 dB	ace 1	Rename User View Delete User View Delete All User	
Spur 1 2 3 4 5 6	Range 1 2 3 4 5 6	3.5300 GHz 3.5850 GHz 3.5950 GHz 3.6040 GHz 3.6050 GHz 3.6450 GHz	3.5850 GHz 3.5950 GHz 3.6040 GHz 3.6050 GHz 3.6450 GHz 3.6460 GHz	1.000 MHz 1.000 MHz 1.000 MHz 430.0 kHz 430.0 kHz 430.0 kHz	Trace Typ Frequency 3.577431193 GH 3.594900000 GH 3.698870000 GH 3.604840000 GH 3.634837838 GH 3.6445160000 GH	e Amplitude 12 -34.40 dBm 12 -27.06 dBm 12 -26.03 dBm 12 -28.42 dBm 12 18.43 dBm 12 -27.14 dBm	Trace Average (Ad <u>ALimit</u> <u>-9.396 dB</u> -2.056 dB -13.03 dB -15.42 dB -24.57 dB -14.14 dB	ace 1	Rename User View Delete User View Delete All User	
Spur 1 2 3 4 5	Range 1 2 3 4 5 6 7	3.5300 GHz 3.5850 GHz 3.5950 GHz 3.6040 GHz 3.6050 GHz 3.6450 GHz 3.6460 GHz	3.5850 GHz 3.5950 GHz 3.6040 GHz 3.6050 GHz 3.6450 GHz 3.6460 GHz	1.000 MHz 1.000 MHz 1.000 MHz 430.0 kHz 430.0 kHz 430.0 kHz 1.000 MHz	Trace Typ Frequency 3.577431193 GH 3.594900000 GH 3.598870000 GH 3.604840000 GH 3.634837838 GH	e Amplitude 1z -34.40 dBm 1z -27.06 dBm 1z -26.03 dBm 1z -28.42 dBm 1z -28.42 dBm 1z -27.14 dBm 1z -27.14 dBm	Trace Average (Ad <u>ALimit</u> <u>-9.396 dB</u> <u>-2.056 dB</u> <u>-13.03 dB</u> <u>-15.42 dB</u> <u>-24.57 dB</u> <u>-14.14 dB</u> <u>-10.84 dB</u>	ace 1	Rename User View Delete User View Delete All User	

5G NR 1 Spurious Emissions	5G NR 2 Spurious Emissions	5G NR 3 Spurious Emissions	5G NR 4 Spurious Emissions	+>	Meas Set	ap 🕇 😤
KEYSIGHT Input RF Coupling: AC Ext Gain: -23.0 VT PASS Align: Auto	Corr CCorr RCal	Atten 12 dB Trig Free Ru Preamp: Off Gate: LO µW Path: Standard IF Gain: Low	CC Info: DL, 1 CC	00000 GHz	Avg Hold Number 10 Terminal Count = 10	Settings
3 All Range Graph v Scale/Div 10.0 dB		Ref Value 6.44 dBm			Continue Avuraging (10 more)	Radio Meas
-3.56 -13.6 -23.6					Averaging On Off	Standard Componen Carriers
-43.6					Average Mode Repeat	Global
83.6 Start 1.000 GHz			Stop	26.000 GHz	Avg Type Log-Power (Video)	
4 All Range Table 🛛 🔻		Measure Trace Ty		Trace 1 age (Active)	Meas Type Full •	
	art Freq Stop Freq 000 GHz 3.5300 GHz	RBW Frequency 1.000 MHz 1.062512354 G	Amplitude ∆Lim Hz -44.00 dBm -4.00	iit 5 dB	Spur 1	
2 2 3.7	200 GHz 26.000 GHz	1.000 MHz 25.26810200 G	Hz -42.53 dBm -2.52	9 dB	Range 2	
					Spur Report Mode Minimum Margin	
	_				Range Settings	
1 C C	? May 10, 2025 8:26:48 PM	$\bullet \triangle$			Keas Setup Summary Table	

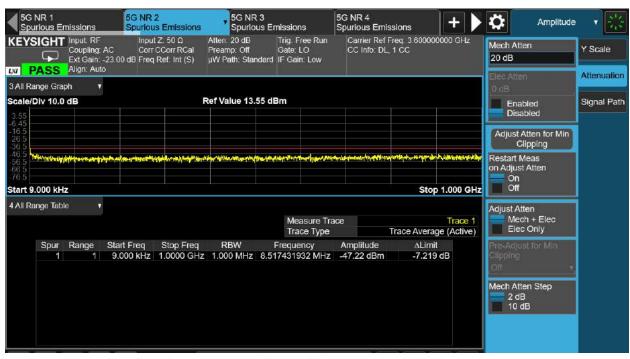
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40MHz @3679.245MHz

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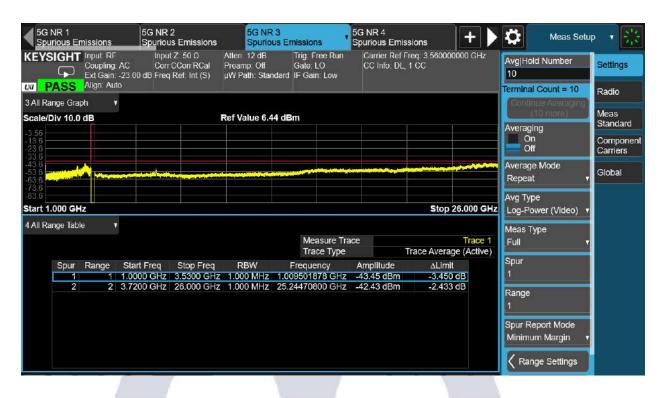
5G NR 1 Spurious Em	nissions	5G NR Spuriou	2 Is Emissions	5G NR Spurio	3 us Emissions	5G NR 4 Spurious Emiss	sions +	> 🌣	Amplitude	
ليا ا	Coupling:	AC Corr -23.00 dB Freq	CCorr RCal	Atten: 26 dB Preamp: Off µW Path: Stan	Trig: Free Run Gate: LO Idard IF Gain: Low	Carrier Ref Fr CC Info: DL, 1	req: 3.660000000 GH 1 CC	Hz 26 c	h Atten 18	Y Scale
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й rt 3.530 GHz	z				Measure Tr	aces	Stop 3.730	GHz on A	djust Atten On	
й rt 3.530 GHz	z				Measure Tr: Trace Type			GHz on A GHz Adju	djust Atten On Off Ist Atten Mech + Elec	
rt 3.530 GHz Il Range Table	z	Start Freq	Stop Freq	RBW			Trac	GHz on A GHz Adju	djust Atten On Off Ist Atten	
rt 3.530 GHz Il Range Table	z a v Range				Trace Type	T Amplitude	Trac Trace Average (Acti	GHz on A e 1 Ve) Adju	djust Atten On Off Ist Atten Mech + Elec	
rt 3.530 GHz Il Range Table Spur 1 2	z Range	3.5300 GHz 3.6400 GHz	3.6400 GHz 3.6500 GHz	1.000 MHz 1.000 MHz	Trace Type Frequency 3.635479452 GHz 3.649100000 GHz	T Amplitude -30.63 dBm -27.08 dBm	Trac Trace Average (Acti ALimit -5.627 dB -2.080 dB	GHz e 1 ive) Adju Pres	djust Atten On Off st Atten Mech + Elec Elec Only	
rt 3.530 GHz Il Range Table Spur 1	z Range	3.5300 GHz 3.6400 GHz 3.6500 GHz	3.6400 GHz 3.6500 GHz 3.6590 GHz	1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.635479452 GHz 3.649100000 GHz 3.658280000 GHz	T Amplitude -30.63 dBm -27.08 dBm -23.55 dBm	Trac race Average (Acti ALimit -5.627 dB -2.080 dB -10.55 dB	GHz e 1 ive) Adju Pres	djust Atten On Off st Atten Mech + Elec Elec Only Adjust for Min	
rt 3.530 GHz Il Range Table Spur 1 2 3 4	z Range 1 2 3 4	3.5300 GHz 3.6400 GHz 3.6500 GHz 3.6590 GHz	3.6400 GHz 3.6500 GHz 3.6590 GHz 3.6600 GHz	1.000 MHz 1.000 MHz 1.000 MHz 430.0 kHz	Trace Type Frequency 3.635479452 GHz 3.649100000 GHz 3.658280000 GHz 3.659550000 GHz	T Amplitude -30.63 dBm -27.08 dBm -23.55 dBm -27.19 dBm	Trac race Average (Acti ΔLimit -5.627 dB -2.080 dB -10.55 dB -14.19 dB	GHz we 1 We 1 GHz GHz Glps Off	djust Atten On Off Ist Atten Mech + Elec Elec Only Adjust for Min bing	
rt 3.530 GHz Il Range Table Spur 1 2 3 4 5	Range	3.5300 GHz 3.6400 GHz 3.6500 GHz 3.6590 GHz 3.6600 GHz	3.6400 GHz 3.6500 GHz 3.6590 GHz 3.6600 GHz 3.7000 GHz	1.000 MHz 1.000 MHz 1.000 MHz 430.0 kHz	Trace Type Frequency 3.635479452 GHz 3.649100000 GHz 3.658280000 GHz	T Amplitude -30.63 dBm -27.08 dBm -23.55 dBm -27.19 dBm 17.80 dBm	Trac race Average (Acti <u>ALimit</u> -2.080 dB -10.55 dB -14.19 dB -25.20 dB	GHz we 1 We 1 GHz GHz Glps Off	djust Atten On Off st Atten Mech + Elec Elec Only Adjust for Min	
rt 3.530 GHz Il Range Table Spur 1 2 3 4 5 6	Range	3.5300 GHz 3.6400 GHz 3.6500 GHz 3.6590 GHz 3.6600 GHz	3.6400 GHz 3.6500 GHz 3.6590 GHz 3.6600 GHz	1.000 MHz 1.000 MHz 1.000 MHz 430.0 kHz	Trace Type Frequency 3.635479452 GHz 3.649100000 GHz 3.658280000 GHz 3.659550000 GHz	T Amplitude -30.63 dBm -27.08 dBm -23.55 dBm -27.19 dBm 17.80 dBm	Trac race Average (Acti ΔLimit -5.627 dB -2.080 dB -10.55 dB -14.19 dB	GHz we 1 We 1 GHz GHz Glps Off	djust Atten On Off Ist Atten Mech + Elec Elec Only Adjust for Min bing	
i Range Table	z Range 1 2 3 4 5 6 7	3.5300 GHz 3.6400 GHz 3.6500 GHz 3.6590 GHz 3.6600 GHz 3.7000 GHz 3.7010 GHz	3.6400 GHz 3.6500 GHz 3.6590 GHz 3.6600 GHz 3.7000 GHz 3.7010 GHz 3.7100 GHz	1.000 MHz 1.000 MHz 1.000 MHz 430.0 kHz 430.0 kHz 430.0 kHz 1.000 MHz	Trace Type Frequency 3.635479452 GHz 3.649100000 GHz 3.658280000 GHz 3.655189189 GHz 3.700160000 GHz 3.705140000 GHz	T Amplitude -30.63 dBm -27.08 dBm -23.55 dBm -27.19 dBm -27.19 dBm -28.57 dBm -28.57 dBm -25.34 dBm	Trac race Average (Acti ALimit -5.627 dB -2.080 dB -10.55 dB -14.19 dB -25.20 dB -15.57 dB -12.34 dB	GHz we 1 We 1 GHz GHz Glps Off	djust Atten On Off st Atten Mech + Elec Elec Only Adjust for Min oling	
rt 3.530 GHz Il Range Table Spur 1 2 3 4 5 6	z Range 1 2 3 4 5 6 7	3.5300 GHz 3.6400 GHz 3.6500 GHz 3.6590 GHz 3.6600 GHz 3.7000 GHz 3.7010 GHz	3.6400 GHz 3.6500 GHz 3.6590 GHz 3.6600 GHz 3.7000 GHz 3.7010 GHz 3.7100 GHz	1.000 MHz 1.000 MHz 1.000 MHz 430.0 kHz 430.0 kHz 430.0 kHz 1.000 MHz	Trace Type Frequency 3.635479452 GHz 3.649100000 GHz 3.658280000 GHz 3.659550000 GHz 3.65189189 GHz 3.700160000 GHz	T Amplitude -30.63 dBm -27.08 dBm -23.55 dBm -27.19 dBm -27.19 dBm -28.57 dBm -28.57 dBm -25.34 dBm	Trac race Average (Acti 	GHz we 1 We 1 GHz GHz Glps Off	djust Atten On Off st Atten Mech + Elec Elec Only Adjust for Min bing T,	

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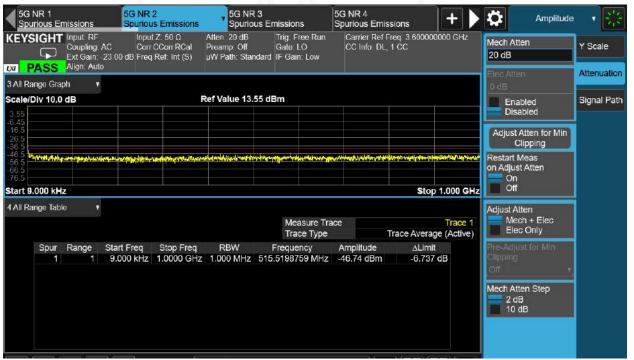


Report No.: AAEMT/RF/250311-01



80MHz @3590.565MHz

ANT1



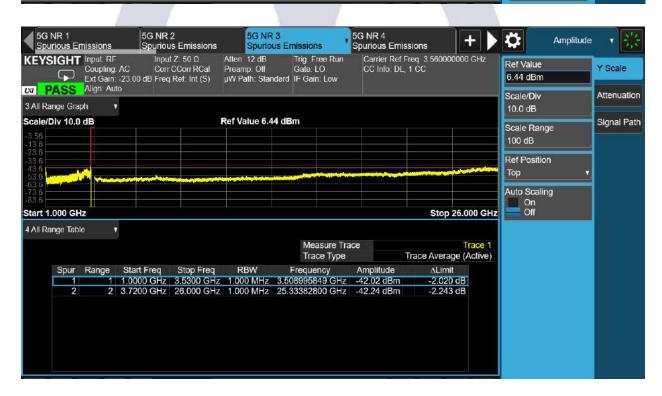
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Report No.: AAEMT/RF/250311-01

5G NR 4 Spurious El	missions	5G NR Spuriou	5 us Emissions	5G NR ACP	6	5G NR 7 Spurious Emiss	sions 🕇		🔅 Meas Se	etup 🔻 🔛
Eysight	Coupling:		CCorr RCal	Atten: 26 dB Preamp: Off µW Path: Star	Trig: Free Run Gate: LO Indard IF Gain: Low	Carrier Ref Fi CC Info: DL,	req 3 590000000 G 1 CC	iHz	Avg Hold Number 10	Settings
PASS	Align: Aut	0							Terminal Count = 10	Radio
All Range Gra	ph 🔻								Continue Averagini	
ale/Div 10.0				Ref Value 50.	00 dBm				(10 mare)	Meas
	чь		- K	ter value 50.					Averaging	Standard
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art 3.520 GH							O4 0 70/		i ari i	
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All Range Tabl					Measure T	race		ce 1		
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		Start Freq 3,5200 GHz	Stop Freq 3.5300 GHz			T Amplitude	Tra race Average (Ac	ce 1	Meas Type Full	
All Range Tabl Spur	le v Range 1	Start Freq	3.5300 GHz	1.000 MHz	Trace Type Frequency	Amplitude 2 -41.97 dBm	Tra race Average (Ac ΔLimit	ce 1	Meas Type Full Spur 5	
All Range Tabl Spur 1	le • Range 1 2	Start Freq 3.5200 GHz 3.5300 GHz	3.5300 GHz 3.5400 GHz	1.000 MHz 1.000 MHz	Trace Type Frequency 3.521800000 GHz	T Amplitude 2 -41.97 dBm 2 -42.06 dBm	Tra race Average (Ac ∆Limit -1.973 dB	ce 1	Meas Type Full Spur	
All Range Tabl Spur 1 2	le Range	Start Freq 3.5200 GHz 3.5300 GHz 3.5400 GHz	3.5300 GHz 3.5400 GHz 3.5490 GHz	1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.521800000 GHz 3.539700000 GHz	Amplitude 2 -41.97 dBm 2 -42.06 dBm 2 -32.22 dBm	Tra race Average (Ac ΔLimit -1.973 dB -17.06 dB	ce 1	Meas Type Full Spur 5	
All Range Tabl Spur 1 2 3	le Range	Start Freq 3.5200 GHz 3.5300 GHz 3.5400 GHz 3.5490 GHz	3.5300 GHz 3.5400 GHz 3.5490 GHz 3.5500 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.521800000 GHz 3.539700000 GHz 3.548550000 GHz	Amplitude 2 -41.97 dBm 2 -42.06 dBm 2 -32.22 dBm 2 -17.99 dBm	Tra race Average (Ac ALimit -1.973 dB -17.06 dB -19.22 dB	ce 1	Meas Type Full Spur 5 Range 9	
All Range Tabl Spur 1 2 3 4	le Range Range 1 2 3 4 5	Start Freq 3.5200 GHz 3.5300 GHz 3.5400 GHz 3.5490 GHz 3.5500 GHz	3.5300 GHz 3.5400 GHz 3.5490 GHz 3.5500 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.52180000 GHz 3.539700000 GHz 3.548550000 GHz 3.549990000 GHz	T Amplitude 2 -41.97 dBm 2 -42.06 dBm 2 -32.22 dBm 2 -17.99 dBm 2 17.40 dBm	Tra race Average (Ac ∆Limit -1.973 dB -17.06 dB -19.22 dB -4.985 dB	ce 1	Meas Type Full Spur 5 Range 9 Spur Report Mode	
All Range Tabl Spur 1 2 3 4 5	le Range Range 1 2 3 4 5	Start Freq 3.5200 GHz 3.5300 GHz 3.5400 GHz 3.5490 GHz 3.5500 GHz 3.6300 GHz	3.5300 GHz 3.5400 GHz 3.5490 GHz 3.5500 GHz 3.6300 GHz 3.6310 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3 52180000 GHz 3 53970000 GHz 3 548550000 GHz 3 549990000 GHz 3 614742268 GHz	T Amplitude -41.97 dBm -42.06 dBm -32.22 dBm -17.99 dBm 17.40 dBm -19.04 dBm	Tra race Average (Ac ∆Limit -1.973 dB -17.06 dB -4.985 dB -25.60 dB	ce 1	Meas Type Full Spur 5 Range 9	
All Range Tabl Spur 1 2 3 4 5 6	le Range 1 2 3 4 5 6 7	Start Freq 3.5200 GHz 3.5300 GHz 3.5400 GHz 3.5490 GHz 3.5500 GHz 3.6300 GHz	3.5300 GHz 3.5400 GHz 3.5490 GHz 3.5500 GHz 3.6300 GHz 3.6310 GHz 3.6400 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.52180000 GHz 3.53970000 GHz 3.548550000 GHz 3.549990000 GHz 3.614742268 GHz 3.630000000 GHz	T Amplitude 2 -41.97 dBm 2 -42.06 dBm 2 -32.22 dBm 2 -17.99 dBm 2 -17.40 dBm 2 -19.04 dBm 2 -31.70 dBm	Trace Average (Ac ∆Limit -1.973 dB -19.22 dB -4.985 dB -25.60 dB -6.036 dB	ce 1	Meas Type Full Spur 5 Range 9 Spur Report Mode	



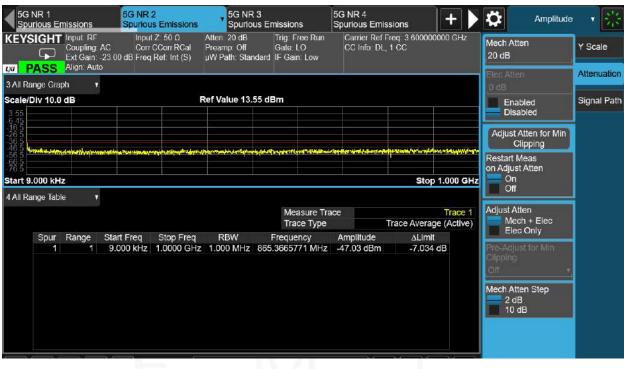
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### 80MHz @3625.005MHz



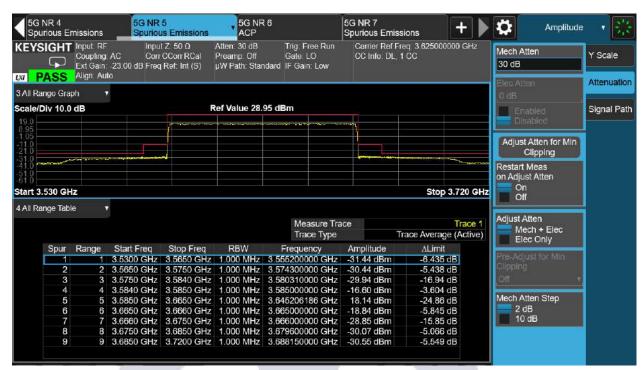


5G NR 4 Spurious En		AND THE REPORT	s Emissions	5G NR ACP		5G NR 7 Spurious Emi	And the set of the second s		Amplitude	· · · 🕄
	Input: RF Coupling: AC Ext Gain: -23. Align: Auto	Corr	CCorr RCal	Atten: 30 dB Preamp: Off µW Path: Stan	Trig: Free Run Gate: LO Indard IF Gain: Low	Carrier Ref I CC Info: DL	Freq: 3.625000000 GHz , 1 CC	Mech A 30 dB	ltten	Y Scale
PASS								Elec Att 0 dB	len	Attenuati
ale/Div 10.0	dB		R	ef Value 28.9	95 dBm			Constanting (		Signal Pa
95								Di		
05									t Atten for Min Clipping	
0	ar ben - U a							Restart	Meas	
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0							Stop 3.720 G	Hz of	n ff	
0 irt 3.530 GH:					Measure Tra	CARGO AND CONTRACTOR OF CONTRA	Trace	Hz Or Of Adjust	n ff	
o Int 3.530 GH: Il Range Table	e T				Тгасе Туре		Trace Trace Average (Active	Hz Or Of Adjust /	n ff Atten	
Int 3.530 GH:	e ▼ Range Sta	art Freq	Stop Freq	RBW	Trace Type Frequency	Amplitude	Trace Trace Average (Active ∆Limit	Hz Of Adjust A	n ff Atten ech + Elec ec Only	
ort 3.530 GH: Il Range Table Spur 1	e v Range Sta 1 3.5	300 GHz	3.5650 GHz	1.000 MHz	Trace Type Frequency 3.555200000 GHz	Amplitude -31.44 dBm	Trace Trace Average (Active ALimit -6.435 dB	Hz Of Adjust A	n ff Atten ech + Elec ec Only just for Min	
Int 3.530 GH: Il Range Table Spur	e • Range Sta 1 3.5 2 3.5	300 GHz 650 GHz	3.5650 GHz 3.5750 GHz	1.000 MHz 1.000 MHz	Trace Type Frequency 3.555200000 GHz 3.574300000 GHz	Amplitude -31.44 dBm -30.44 dBm	Trace Trace Average (Active ALimit -6.435 dB -5.438 dB	Hz Or Adjust A 2) Pre-Adj	n ff Atten ech + Elec ec Only just for Min	
ort 3.530 GH: Il Range Table Spur 1	e v Range Str 1 3.5 2 3.5 3 3.5	300 GHz 650 GHz 750 GHz	3.5650 GHz 3.5750 GHz 3.5840 GHz	1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.555200000 GHz 3.574300000 GHz 3.580310000 GHz	Amplitude -31.44 dBm -30.44 dBm -29.94 dBm	Trace Trace Average (Active ALimit -6.435 dB -5.438 dB -16.94 dB	Hz Or Adjust A Dre-Adj Cippin	n ff Atten ech + Elec ec Only just for Min	
0 Irt 3.530 GH2 Il Range Table Spur 1 2 3	Range Str 1 3.5 2 3.5 3 3.5 4 3.5	300 GHz 650 GHz 750 GHz 840 GHz	3.5650 GHz 3.5750 GHz 3.5840 GHz 3.5850 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.555200000 GHz 3.574300000 GHz	Amplitude -31.44 dBm -30.44 dBm -29.94 dBm -16.60 dBm	Trace Trace Average (Active ALimit -6.435 dB -5.438 dB	Hz or Adjust / Ma Ela Pre-Adj Cilppin Off	n ff Atten ech + Elec ec Only just for Min	
0 Int 3.530 GH: Il Range Table Spur 1 2 3 4	Range Str 1 3.5 2 3.5 3 3.5 4 3.5 5 3.5	300 GHz 650 GHz 750 GHz 840 GHz 850 GHz	3.5650 GHz 3.5750 GHz 3.5840 GHz 3.5850 GHz 3.6650 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.55520000 GHz 3.57430000 GHz 3.580310000 GHz 3.585000000 GHz	Amplitude -31.44 dBm -30.44 dBm -29.94 dBm -16.60 dBm 18.14 dBm	Trace   Trace Average (Active   ΔLimit   -6.435 dB   -5.438 dB   -16.94 dB   -3.604 dB	Hz or Adjust A Ma Ela Pre-Ad Clippton Off Mech A	n ff Atten ech + Elec ec Only just for Min g tten Step dB	
IR Ange Table	e Range Sta 1 3.5 2 3.5 3 3.5 3 4 3.5 5 3.5 6 3.6	300 GHz 650 GHz 750 GHz 840 GHz 850 GHz 650 GHz	3.5650 GHz 3.5750 GHz 3.5840 GHz 3.5850 GHz 3.6650 GHz 3.6660 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.555200000 GHz 3.574300000 GHz 3.580310000 GHz 3.585000000 GHz 3.645206186 GHz	Amplitude -31.44 dBm -30.44 dBm -29.94 dBm -16.60 dBm 18.14 dBm -18.84 dBm	Trace Trace Average (Active ALimit -6.435 dB -5.438 dB -16.94 dB -3.604 dB -24.86 dB	Hz or Adjust A Ma Ela Pre-Ad Clippton Off Mech A	n ff Atten ech + Elec ec Only just for Min g	
0 int 3.530 GH2 Ill Range Table Spur 1 2 3 4 5 6	Range Sta 1 3.5 2 3.5 3 3.5 4 3.5 5 3.5 6 3.6 7 3.6	300 GHz 650 GHz 750 GHz 840 GHz 850 GHz 650 GHz 660 GHz	3.5650 GHz 3.5750 GHz 3.5840 GHz 3.5850 GHz 3.6650 GHz 3.6660 GHz 3.6750 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.555200000 GHz 3.574300000 GHz 3.580310000 GHz 3.585000000 GHz 3.645206186 GHz 3.665000000 GHz	Amplitude -31.44 dBm -30.44 dBm -29.94 dBm -16.60 dBm -18.84 dBm -18.84 dBm -28.85 dBm	Trace Trace Average (Active ALimit -6.435 dB -5.438 dB -16.94 dB -3.604 dB -24.86 dB -24.86 dB -5.845 dB	Hz or Adjust A Ma Ela Pre-Ad Clippton Off Mech A	n ff Atten ech + Elec ec Only just for Min g tten Step dB	_

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## 80MHz @3659.430MHz

ANT1

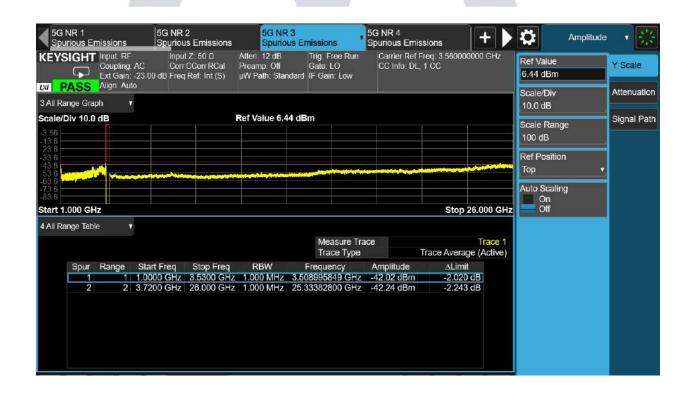






## Report No.: AAEMT/RF/250311-01

G NR 1 ourious En	missions	0.000.000	is Emissions		us Emissions	5G NR 4 Spurious Emi	CARLES AND A CARLE	- )	₿ м	leas Setuj	• • •
'Sight	Coupling: Ext Gain:	AC Corr -23.00 dB Freq	CCorr RCal	Atten: 26 dB Preamp: Off µW Path: Star	Trig: Free Run Gate: LO idard: IF Gain: Low	Carrier Ref CC Info: DL	Freq: 3.660000000 ., 1 CC	GHz	Avg Hold Num 10	nber	Settings
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div 10.0			R	ef Value 28.	95 dBm				(10 mo		Meas
									Averaging		Standard
									On Off		Compone Carriers
and the second	r	موري مري مريد مريد مريد مريد م							Average Mode Repeat	e _	Global
									No. of Concession, Name		
3.530 GH	7			<u> </u>			Stop 3.73	0 GHz	Avg Type		
3.530 GH Rance Table	2						Stop 3.73	30 GHz	Avg Type Log-Power (V	rideo) 🔻	
3.530 GH Range Table	2				Measure Tra	ace		80 GHz		⁄ideo) ▼	
a socialist	2				Measure Tra Trace Type			ace 1	Log-Power (V	/ideo) ▼ ▼	
Range Table	2	Start Freq	Stop Freq	RBW	the second state of the se		Tr	ace 1	Log-Power (V Meas Type Full	/ideo) ▼ ▼	_
Range Table	e , Range	Start Freq			Trace Type	Amplitude	Tr Trace Average (A	ace 1	Log-Power (V Meas Type	/ideo) ▼	
Range Table	le <b>v</b> Range 1	Start Freq 3.5300 GHz	3.6000 GHz	1.000 MHz	Trace Type Frequency	Amplitude -30.27 dBm	Tr Trace Average (A ΔLimit	ace 1	Log-Power (V Meas Type Full	/ideo) ▼ ▼	
Range Tabk Spur	e • Range 1 2 3	Start Freq 3.5300 GHz 3.6000 GHz 3.6100 GHz	3.6000 GHz 3.6100 GHz 3.6190 GHz	1.000 MHz 1.000 MHz	Trace Type Frequency 3.590935261 GHz	Amplitude -30.27 dBm -28.83 dBm -28.18 dBm	Tr Trace Average (A <u>ALImit</u> -5.273 dB -3.829 dB -15.18 dB	ace 1	Log-Power (V Meas Type Full Spur 1	/ideo) ▼	
Range Tabk Spur 1 2 3 4	e ▼ Range 1 2 3 4	Start Freq 3.5300 GHz 3.6000 GHz 3.6100 GHz 3.6190 GHz	3.6000 GHz 3.6100 GHz 3.6190 GHz 3.6200 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.590935261 GHz 3.608600000 GHz 3.617920000 GHz 3.620000000 GHz	Amplitude -30.27 dBm -28.83 dBm -28.18 dBm -17.02 dBm	Tr Trace Average (A <u>ALimit</u> -5.273 dB -3.829 dB -15.18 dB -4.019 dB	ace 1	Log-Power (V Meas Type Full	/ideo) ▼ ▼	
Range Tabk Spur 1 2 3 4 5	e ▼ Range 1 2 3 4 5	Start Freq 3.5300 GHz 3.6000 GHz 3.6100 GHz 3.6190 GHz 3.6200 GHz	3.6000 GHz 3.6100 GHz 3.6190 GHz 3.6200 GHz 3.7000 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.590935261 GHz 3.60860000 GHz 3.617920000 GHz 3.620000000 GHz 3.647216495 GHz	Amplitude -30.27 dBm -28.83 dBm -28.18 dBm -17.02 dBm 18.14 dBm	Tr Trace Average (A <u>ALimit</u> - <u>5.273 dB</u> - <u>3.829 dB</u> - <u>15.18 dB</u> - <u>4.019 dB</u> - <u>24.86 dB</u>	ace 1	Log-Power (V Meas Type Full Spur 1	/ideo) ▼ ▼	
Range Table Spur 1 2 3 4 5 6	Range 1 2 3 4 5 6	Start Freq 3.5300 GHz 3.6000 GHz 3.6100 GHz 3.6190 GHz 3.6200 GHz 3.7000 GHz	3.6000 GHz 3.6100 GHz 3.6190 GHz 3.6200 GHz 3.7000 GHz 3.7010 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.590935261 GHz 3.608600000 GHz 3.617920000 GHz 3.620000000 GHz 3.647216495 GHz 3.700000000 GHz	Amplitude -30.27 dBm -28.83 dBm -28.18 dBm -17.02 dBm 18.14 dBm -20.02 dBm	Tr Trace Average (A <u>ALimit</u> -3.829 dB -15.18 dB -4.019 dB -24.86 dB -7.017 dB	ace 1	Log-Power (V Meas Type Full Spur 1 Range 1		
Range Table Spur 1 2 3 4 5 6 7	Range 1 2 3 4 5 6 7	Start Freq 3.5300 GHz 3.6000 GHz 3.6190 GHz 3.6200 GHz 3.7000 GHz 3.7010 GHz	3.6000 GHz 3.6100 GHz 3.6190 GHz 3.6200 GHz 3.7000 GHz 3.7010 GHz 3.7100 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.590935261 GHz 3.608600000 GHz 3.617920000 GHz 3.647216495 GHz 3.70000000 GHz 3.701090000 GHz	Amplitude -30.27 dBm -28.83 dBm -28.18 dBm -17.02 dBm 18.14 dBm -20.02 dBm -27.33 dBm	Tr Trace Average (A <u>ALimit</u> -3.829 dB -15.18 dB -4.019 dB -24.86 dB -7.017 dB -14.33 dB	ace 1	Log-Power (V Meas Type Full Spur 1 Range 1 Spur Report M	Mode	
Spur 1 2 3 4 5 6 7 8	Range 1 2 3 4 5 6 7 8	Start Freq 3.5300 GHz 3.6000 GHz 3.6100 GHz 3.6200 GHz 3.7000 GHz 3.7010 GHz 3.7100 GHz	3.6000 GHz 3.6100 GHz 3.6190 GHz 3.6200 GHz 3.7000 GHz 3.7010 GHz 3.7100 GHz 3.7200 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.590935261 GHz 3.60860000 GHz 3.617920000 GHz 3.62000000 GHz 3.701090000 GHz 3.701090000 GHz 3.710000000 GHz	Amplitude -30.27 dBm -28.83 dBm -28.18 dBm -17.02 dBm 18.14 dBm -20.02 dBm -27.33 dBm -40.10 dBm	Tr Trace Average (A ALimit -3.829 dB -15.18 dB -4.019 dB -24.86 dB -7.017 dB -14.33 dB -15.10 dB	ace 1	Log-Power (V Meas Type Full Spur 1 Range 1	Mode	
Range Table Spur 1 2 3 4 5 6 7	Range 1 2 3 4 5 6 7 8	Start Freq 3.5300 GHz 3.6000 GHz 3.6100 GHz 3.6200 GHz 3.7000 GHz 3.7010 GHz 3.7100 GHz	3.6000 GHz 3.6100 GHz 3.6190 GHz 3.6200 GHz 3.7000 GHz 3.7010 GHz 3.7100 GHz 3.7200 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.590935261 GHz 3.608600000 GHz 3.617920000 GHz 3.647216495 GHz 3.70000000 GHz 3.701090000 GHz	Amplitude -30.27 dBm -28.83 dBm -28.18 dBm -17.02 dBm 18.14 dBm -20.02 dBm -27.33 dBm	Tr Trace Average (A <u>ALimit</u> -3.829 dB -15.18 dB -4.019 dB -24.86 dB -7.017 dB -14.33 dB	ace 1	Log-Power (V Meas Type Full Spur 1 Range 1 Spur Report M	Mode	



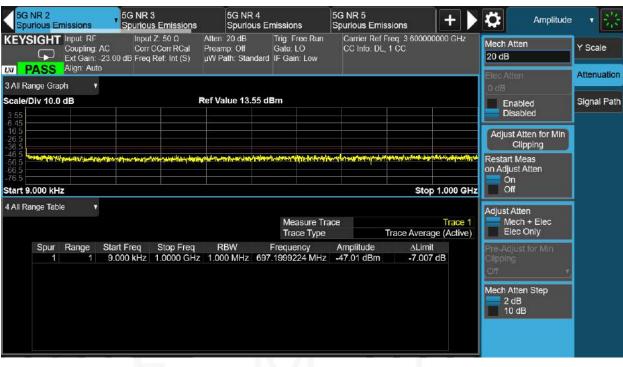
180 | P a g e





### 100MHz @3600.570MHz

ANT1



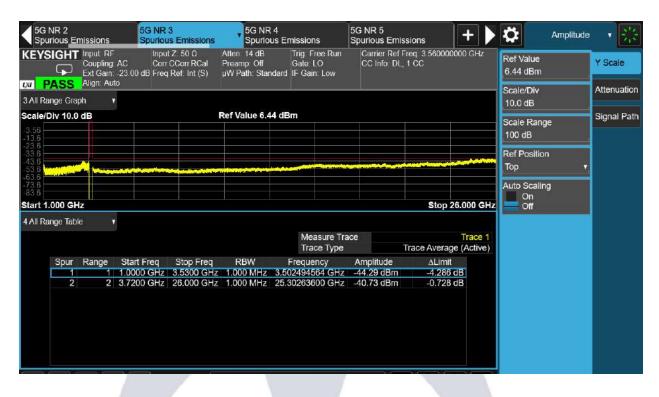
Spurious Emis	ssions	1422020-0000	s Emissions	extension and a second second	us Emissions	5G NR 5 Spurious Emi	CONTRACTOR CONTRACTOR		Meas Set	up 🔹 🛃
u <u> </u>	Coupling: / Ext Gain: -	AC Corr 23.00 dB Freq	CCorr RCal	Atten: 24 dB Preamp: Off µW Path: Star	Trig: Free Run Gate: LO Idard IF Gain: Low	Carrier Ref CC Info: DL	Freq 3.600000000 Gł ., 1 CC	Hz ,	Avg Hold Number 10	Settings
THUC	Vign: Auto	I						Ť	erminal Count = 10	Radio
All Range Graph										Meas
cale/Div 10.0 dl	В			ef Value 50.	00 dBm					Standard
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tart 3.520 GHz										
							Stop 3.720	GHz	Log-Power (Video)	
All Range Table	Ť						Stop 3.720		Log-Power (Video) Vieas Type	
All Range Table	T				Measure T	race	Stop 3.720			
All Range Table	۲				Measure T Trace Type			xe 1	Meas Type Full	
		Start Freq	Stop Freg	RBW			Trac	xe 1	Vleas Type	
	Range				Тгасе Тур	e Amplitude	Trace Trace Average (Acti	xe 1	Meas Type Full	
	Range	3.5200 GHz			Trace Type Frequency	Amplitude z -44.10 dBm	Trac Trace Average (Act ∆Limit	æ 1 ive)	Meas Type Full Spur 1	
Spur R	Range	3.5200 GHz 3.5300 GHz	3.5300 GHz	1.000 MHz	Trace Type Frequency 3.529400000 GH	Amplitude z -44.10 dBm z -43.03 dBm	Trac Trace Average (Act ∆Limit -4.097 dB	æ 1 ive)	Meas Type Full	
Spur R	Range 1 2 3	3.5200 GHz 3.5300 GHz 3.5400 GHz 3.5490 GHz	3.5300 GHz 3.5400 GHz 3.5490 GHz 3.5500 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.529400000 GH 3.539800000 GH	Amplitude z -44.10 dBm z -43.03 dBm z -31.90 dBm z -14.03 dBm	Trace Trace Average (Act ALimit -4.097 dB -18.90 dB -18.90 dB -1.031 dB	æ 1 ive)	Meas Type Full Spur 1	
Spur R 1 2 3 4 5	Range 1 2 3 4 5	3.5200 GHz 3.5300 GHz 3.5400 GHz 3.5490 GHz 3.5500 GHz	3.5300 GHz 3.5400 GHz 3.5490 GHz 3.5500 GHz 3.6500 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.529400000 GH 3.539800000 GH 3.548730000 GH 3.550000000 GH 3.603768844 GH	Amplitude z -44.10 dBm z -43.03 dBm z -31.90 dBm z -14.03 dBm z 17.13 dBm	Trace Trace Average (Act ALimit -4.097 dB -18.03 dB -18.90 dB -1.031 dB -25.87 dB	xe 1 ive)	Meas Type Full Spur 1	
Spur R 1 2 3 4 5 6	Range 1 2 3 4 5 6	3.5200 GHz 3.5300 GHz 3.5400 GHz 3.5490 GHz 3.5500 GHz 3.6500 GHz	3.5300 GHz 3.5400 GHz 3.5490 GHz 3.5500 GHz 3.6500 GHz 3.6510 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.529400000 GH 3.539800000 GH 3.539800000 GH 3.550000000 GH 3.603768844 GH 3.650000000 GH	Amplitude z -44.10 dBm z -43.03 dBm z -31.90 dBm z -14.03 dBm z 17.13 dBm z -15.09 dBm	Trace Trace Average (Act ALimit -4.097 dB -18.90 dB -18.90 dB -1.031 dB	æ 1 ive)	Meas Type Full Spur 1 Range 4 Spur Report Mode	
Spur R 1 2 3 4 5	Range 1 2 3 4 5 6 7	3.5200 GHz 3.5300 GHz 3.5400 GHz 3.5490 GHz 3.5500 GHz 3.6500 GHz 3.6510 GHz	3.5300 GHz 3.5400 GHz 3.5490 GHz 3.5500 GHz 3.6500 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.529400000 GH 3.539800000 GH 3.548730000 GH 3.550000000 GH 3.603768844 GH	Amplitude z -44.10 dBm z -43.03 dBm z -31.90 dBm z -14.03 dBm z -17.13 dBm z -15.09 dBm z -29.06 dBm	Trace Trace Average (Act ALimit -4.097 dB -18.03 dB -18.90 dB -1.031 dB -25.87 dB	æ 1 ive)	Meas Type Full Spur 1 Range 4	

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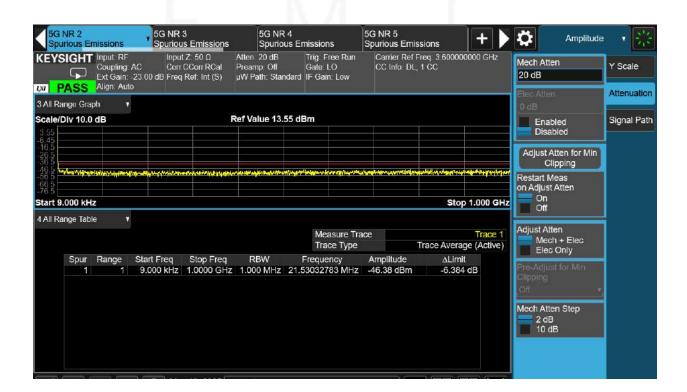




### Report No.: AAEMT/RF/250311-01



### 100MHz @3625.005MHz ANT1



182 | P a g e





#### Report No.: AAEMT/RF/250311-01

5G NR 2 Spurious Er	missions	5G NR Spuriou	3 Is Emissions	5G NR Spurio	4 us Emissions	5G NR 5 Spurious Emissi	ions 🕇 🕂		Display	•
	Coupling:	AC Corr -23.00 dB Freq	CCorr RCal	Atten: 30 dB Preamp: Off µW Path: Star	Trig: Free Run Gate: LO Idard IF Gain: Low	Carrier Ref Fre CC Info: DL, 1	aq 3.625000000 GH CC	łz V	iew Graph+Metrics	View
PASS Range Gra									All Ranges *	Annotati
le/Div 10.0	dB		R	ef Value 28.	95 dBm					
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0									To Delaun	
t 3.530 GH	iz						Stop 3.720	GHz	Save Layout as New View	
0									Save Layout as	
0 t 3.530 GH					Measure Tr Trace Type	CONSTRAIN.	Stop 3.720 Trac ace Average (Acti	e 1	Save Layout as New View	
0 <b>t 3.530 GH</b> I Range Tab	le T		Stop Frea	RBW	Тгасе Туре	Tr	Trac ace Average (Acti	e 1	Save Layout as New View	
0 t 3.530 GH		Start Freq	Stop Freq 3.5550 GHz			Tr: Amplitude	Trac	e 1	Save Layout as New View	
t 3.530 GH Range Tab	le • Range 1	Start Freq 3.5300 GHz	3.5550 GHz	1.000 MHz	Trace Type Frequency	Tra Amplitude -29.30 dBm	Trac ace Average (Acti ∆Limit	e 1	Save Layout as New View	
t 3.530 GH Range Tab Spur 1	le • Range 1 2	Start Freq 3.5300 GHz 3.5550 GHz	3.5550 GHz	1.000 MHz 1.000 MHz	Trace Type Frequency 3.547750000 GHz	Tri Amplitude -29.30 dBm -28.74 dBm	Trac ace Average (Acti ∆Limit -4.303 dB	e 1	Save Layout as New View Re-Save User View Rename User View Delete User View	
t 3.530 GH Range Tab Spur 1 2	le Range	Start Freq 3.5300 GHz 3.5550 GHz 3.5650 GHz	3.5550 GHz 3.5650 GHz 3.5740 GHz	1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.547750000 GHz 3.563000000 GHz	Tr: Amplitude -29.30 dBm -28.74 dBm -29.29 dBm	Trac ace Average (Acti ΔLimit -4.303 dB -3.736 dB	e 1	Save Layout as New View	
t 3.530 GH Range Tab Spur 1 2 3	le Range	Start Freq 3.5300 GHz 3.5550 GHz 3.5650 GHz 3.5740 GHz	3.5550 GHz 3.5650 GHz 3.5740 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.547750000 GHz 3.563000000 GHz 3.574000000 GHz	Tri Amplitude -29.30 dBm -28.74 dBm -29.29 dBm -13.71 dBm	Trac ace Average (Acti ALimit -4.303 dB -3.736 dB -16.29 dB	e 1	Save Layout as New View Re-Save User View Rename User View Delete User View Delete All User	
t 3.530 GH Range Tab Spur 1 2 3 4 5 6	le • Range 1 2 3 4 5	Start Freq 3.5300 GHz 3.5550 GHz 3.5650 GHz 3.5740 GHz 3.5750 GHz	3.5550 GHz 3.5650 GHz 3.5740 GHz 3.5750 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.547750000 GHz 3.563000000 GHz 3.574000000 GHz 3.574990000 GHz	Tr Amplitude -29.30 dBm -28.74 dBm -29.29 dBm -13.71 dBm 17.86 dBm	Trac ace Average (Acti ALimit -4.303 dB -3.736 dB -16.29 dB -0.710 dB	e 1	Save Layout as New View Re-Save User View Rename User View Delete User View Delete All User	
t 3.530 GH Range Tabl Spur 1 2 3 4 5 6 7	le Range Range 1 2 3 4 5 5 6 7	Start Freq 3.5300 GHz 3.5550 GHz 3.5650 GHz 3.5740 GHz 3.5750 GHz 3.6750 GHz	3.5550 GHz 3.5650 GHz 3.5740 GHz 3.5750 GHz 3.6750 GHz 3.6760 GHz 3.6850 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.547750000 GHz 3.563000000 GHz 3.574900000 GHz 3.649874372 GHz 3.675020000 GHz 3.682030000 GHz	Tr. Amplitude -29.30 dBm -28.74 dBm -29.29 dBm -13.71 dBm 17.86 dBm -15.93 dBm -28.63 dBm	Trac ace Average (Acti ALimit -4.303 dB -3.736 dB -6.29 dB -0.710 dB -25.14 dB	e 1	Save Layout as New View Re-Save User View Rename User View Delete User View Delete All User	
t 3.530 GH Range Tab Spur 1 2 3 4 5 6	le Range 1 2 3 4 5 6 7 8	Start Freq 3.5300 GHz 3.5550 GHz 3.5740 GHz 3.6750 GHz 3.6750 GHz 3.6750 GHz 3.6850 GHz	3.5550 GHz 3.5650 GHz 3.5740 GHz 3.5750 GHz 3.6750 GHz 3.6760 GHz 3.6850 GHz 3.6950 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.547750000 GHz 3.56300000 GHz 3.574000000 GHz 3.574990000 GHz 3.649874372 GHz 3.675020000 GHz	Tri Amplitude -29.30 dBm -28.74 dBm -29.29 dBm -13.71 dBm 17.86 dBm -15.93 dBm -28.63 dBm -28.63 dBm	Trac ace Average (Acti ALimit -3.736 dB -16.29 dB -0.710 dB -25.14 dB -2.928 dB	e 1	Save Layout as New View Re-Save User View Rename User View Delete User View Delete All User	







#### 100MHz @3649.485MHz

ANT1

	NR 1 urious Ei	missions	5G NR Spuriou	2 us Emissions	5G NR Spuriou	3 us Emissions	5G NR 4 Spurious En	nissions	+	Amplit	ude 🔻 👬
	$\square$	Input RF Coupling Ext Gain: Align: Aut	AC Corr -23.00 dB Free		Atten 20 dB Preamp Off µW Path: Stan	Trig: Free Ru Gate: LO dard IF Gain: Low	CC Info: D	f Freq 3.60000 IL, 1 CC	0000 GHz	Mech Atten 20 dB	Y Scale
and the state of the	PASS ange Gra	Sere reserved								Elec Atten 0 dB	Attenuation
Scale/I	Div 10.0			F	Ref Value 13.5	55 dBm				Enabled Disabled	Signal Path
3.55 -6.45 -16.5 -26.5 -36.5										Adjust Atten for M Clipping	in
-66.5	.000 kH		#forty-stablishing put	nala dina karakana di	######### <b>#</b> ##########################	ſIJŊŢĊĸŗĸIJġĸŢĸſĬŔĬŢŊĬŔŔĬſĬŊ	ኣስ _ጉ ልንጀ <mark>ዋታብኘነራው^μዋ</mark> ንብ		••••••••••••••••••••••••••••••••••••••	on Adjust Atten On	1
	ange Tab							0.01		Adjust Atten	
						Measure Trace Typ		Trace Average	Trace 1 ge (Active)	Mech + Elec Elec Only	
	Spur 1	Range 1	Slart Freq 9.000 kHz	Stop Freq 1.0000 GHz	RBW 1.000 MHz	Frequency 938.4389925 Mł	Amplitude Hz -45.96 dBm	ALimi		Pre-Adjust for Min Clipping Off Mech Atten Step 2 dB 10 dB	

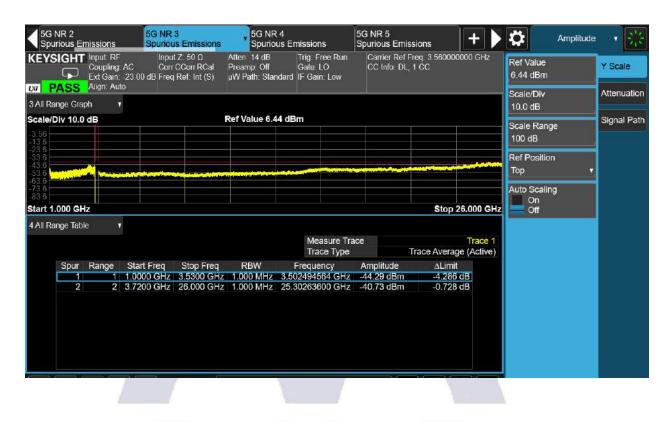
COLUMN STATISTICS	nissions	5G NR Spuriou	2 Is Emissions	5G NR Spurio	3 us Emissions	5G NR 4 Spurious Emiss	sions +	Meas Set	up y 🔛
	Coupling: Ext Gain:	AC Corr -23.00 dB Freq	CCorr RCal	Atten: 26 dB Preamp Off µW Path: Star	Trig: Free Run Gate: LO ndard: IF Gain: Low	Carrier Ref Fr CC Info: DL, 1	req 3 650000000 GHz 1 CC	Avg Hold Number 10	Settings
PASS	Align: Aut	0						Terminal Count = 10	Radio
All Range Grap	oh 🔻							Continue Averaging	
ale/Div 10.0	dB		R	Ref Value 28.	95 dBm			(10 mate)	Meas Standard
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art 3.530 GH	z						Stop 3.730 GHz	Avg Type	
							Stop 3.730 GHz	Log-Power (Video)	
art 3.530 GH: All Range Table					M T-				
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All Range Table	e 🔻		04	DDW	Тгасе Туре	<u> </u>	Trace 1 race Average (Active)	Log-Power (Video) Meas Type Full	
All Range Table		Start Freq	Stop Freq	RBW	Trace Type Frequency	Ti Amplitude	Trace 1 race Average (Active) ALimit	Log-Power (Video) Meas Type	
All Range Table Spur 1	e <b>v</b> Range 1	Start Freq 3.5300 GHz	3.5900 GHz	1.000 MHz	Trace Type Frequency 3.585462185 GHz	T Amplitude -31.38 dBm	Trace 1 race Average (Active) ∆Limit -6.378 dB	Log-Power (Video) Meas Type Full	
All Range Table	e v Range 1 2	Start Freq 3.5300 GHz 3.5900 GHz	3.5900 GHz 3.5990 GHz	1.000 MHz 1.000 MHz	Trace Type Frequency 3.585462185 GHz 3.597110000 GHz	T Amplitude -31.38 dBm -30.63 dBm	Trace 1 race Average (Active) ALimit -6.378 dB -17.63 dB	Log-Power (Video) Meas Type Full	
All Range Table Spur 1 2	e ▼ Range 1 2 3	Start Freq 3.5300 GHz 3.5900 GHz 3.5990 GHz	3.5900 GHz 3.5990 GHz 3.6000 GHz	1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.585462185 GHz	T Amplitude -31.38 dBm -30.63 dBm -13.60 dBm	Trace 1 race Average (Active) ∆Limit -6.378 dB	Log-Power (Video) Meas Type Full Spur 1 Range	
All Range Table Spur 1 2 3	e ▼ Range 1 2 3 4	Start Freq 3.5300 GHz 3.5900 GHz 3.5990 GHz 3.6000 GHz	3.5900 GHz 3.5990 GHz 3.6000 GHz 3.7000 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.585462185 GHz 3.597110000 GHz 3.599990000 GHz	T Amplitude -31.38 dBm -30.63 dBm -13.60 dBm 17.90 dBm	Trace 1 race Average (Active) ALimit -6.378 dB -17.63 dB -0.598 dB	Log-Power (Video) Meas Type Full Spur 1	
All Range Table Spur 1 2 3 4	e ▼ Range 1 2 3 4 5	Start Freq 3.5300 GHz 3.5900 GHz 3.5990 GHz 3.6000 GHz 3.7000 GHz	3.5900 GHz 3.5990 GHz 3.6000 GHz 3.7000 GHz 3.7010 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.585462185 GHz 3.597110000 GHz 3.599990000 GHz 3.657286432 GHz	T Amplitude -31.38 dBm -30.63 dBm -13.60 dBm 17.90 dBm -16.73 dBm	Trace 1 race Average (Active) ΔLimit -6.378 dB -17.63 dB -0.598 dB -25.10 dB	Log-Power (Video) Meas Type Full Spur 1 Range	
All Range Table Spur 1 2 3 4 5	e Range	Start Freq 3.5300 GHz 3.5900 GHz 3.5990 GHz 3.6000 GHz 3.7000 GHz 3.7010 GHz	3.5900 GHz 3.5990 GHz 3.6000 GHz 3.7000 GHz 3.7010 GHz 3.7100 GHz 3.7200 GHz	1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	Trace Type Frequency 3.585462185 GHz 3.597110000 GHz 3.5592990000 GHz 3.657286432 GHz 3.700000000 GHz	Ti Amplitude -31.38 dBm -30.63 dBm -13.60 dBm 17.90 dBm -16.73 dBm -32.63 dBm -41.34 dBm	Trace 1 race Average (Active) ALimit -6.378 dB -17.63 dB -0.598 dB -25.10 dB -3.729 dB	Log-Power (Video) Meas Type Full Spur 1 Range 6	

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Note:-All the configuration tested but worst case is reported.

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### 1.16 Radiated Spurious Emission

#### **1.16.1** Limits of Radiated Emission Measurement

The power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.

E ( $db\mu v/m$ ) = eirp (dbm) - 20 log d + 104.8; where d is the measurement distance in meters.

The emission limit equal to 55.25dB $\mu$ v/m.

### 1.16.2 Test Procedure

1. Substitution method is used for e.i.r.p measurement. In the semi-anechoic chamber, eut placed on the

0.8 m (below or equal 1 ghz) and/or 1.5 m (above 1 ghz) height of turn table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1 m to 4 m to find the maximum polar radiated power. The "read value" is the spectrum reading the maximum power value.

2. The substitution horn antenna is substituted for eut at the same position and signals generator export the cw signal to the substitution antenna via a tx cable. Rotated the turn table and moved receiving antenna to find the maximum radiation power. Adjust output power level of s.g to get a value of spectrum reading equal to "read value" of step a. Record the power level of s.g.

- 3. Eirp = output power level of s.g tx cable loss + antenna gain
- 4. E.r.p power can be calculated form e.i.r.p power by subtracting the gain of dipole, e.r.p power = e.i.r.p power 2.15 db

Note: the resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 mhz/3 mhz.

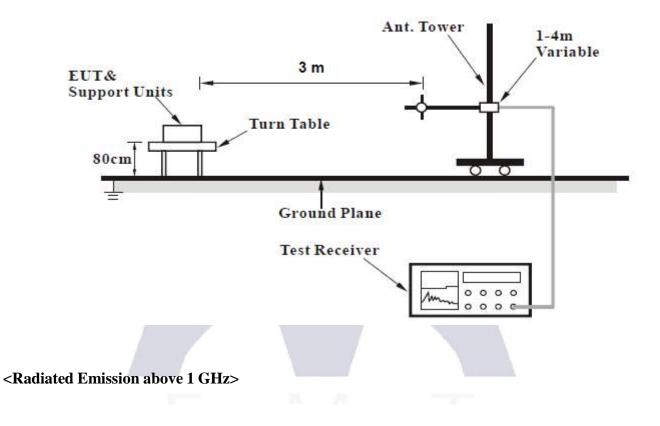


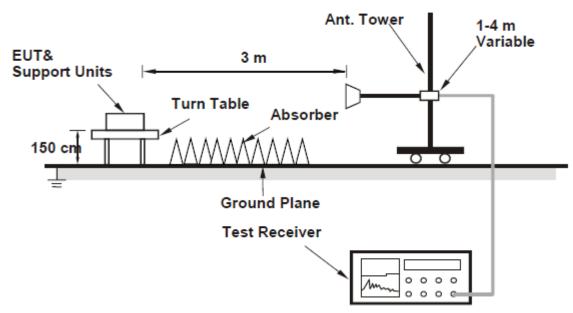
ACCREDITED

Report No.: AAEMT/RF/250311-01

## 1.16.3Test Setup

# <Radiated Emission below or equal 1 GHz>







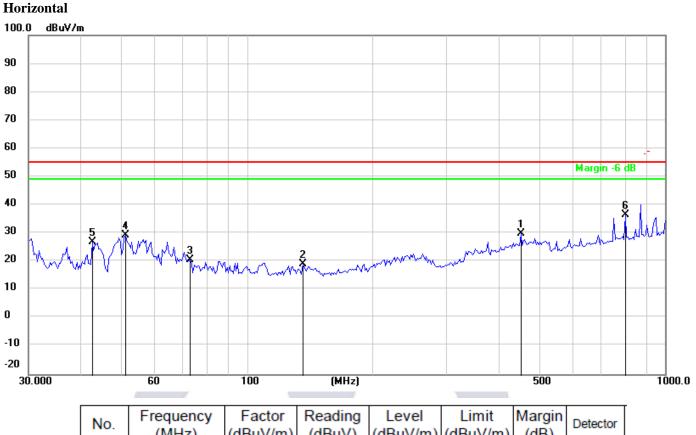




No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	754.9627	-1.59	35.19	33.60	55.25	-21.65	peak
2	550.2902	-4.79	38.32	33.53	55.25	-21.72	peak
3	225.4267	-12.22	34.23	22.01	55.25	-33.24	peak
4	197.2512	-13.57	37.33	23.76	55.25	-31.49	peak
5	42.9305	-17.57	50.14	32.57	55.25	-22.68	peak
6	53.0056	-14.89	42.45	27.56	55.25	-27.69	peak





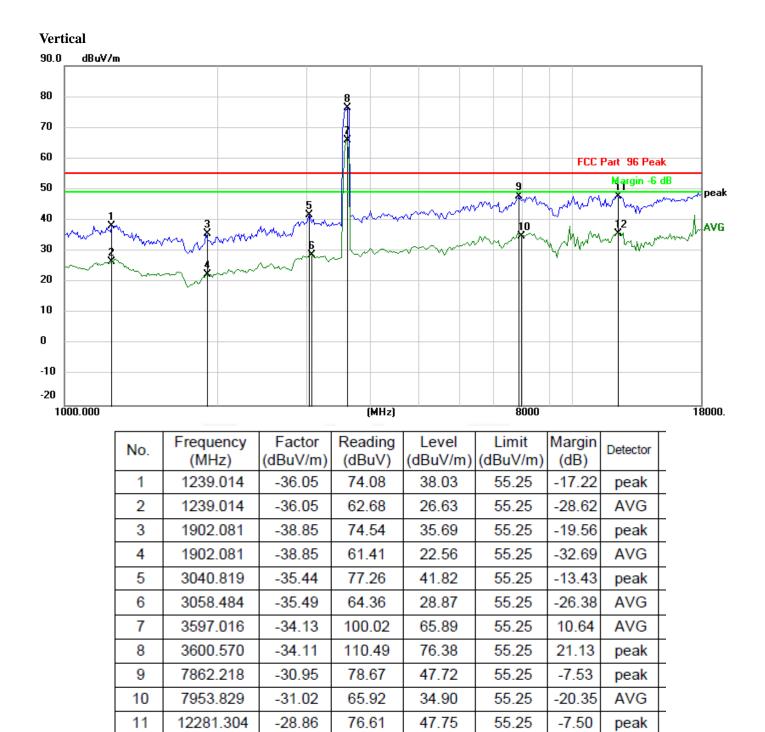


	No.	Frequency	Factor	Reading	Level		Margin	Detector
		(MHz)	(dBuV/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
	1	452.0011	-3.85	33.89	30.04	55.25	-25.21	peak
	2	135.9162	-14.45	33.66	19.21	55.25	-36.04	peak
	3	73.2330	-15.50	36.15	20.65	55.25	-34.60	peak
	4	51.1754	-12.86	42.20	29.34	55.25	-25.91	peak
[	5	42.6298	-15.69	42.54	26.85	55.25	-28.40	peak
	6	804.2522	1.03	35.40	36.43	55.25	-18.82	peak

Decision Rule Used: Simple Acceptance (i.e., w = 0, Acceptance Limit = Tolerance Limit) as Per ILAC-G8:09/2019 AAEMT/A2LA/TRF/FCC-PART96/25_01_REV1







Note:- Marker 7 & 8 is desired intentional frequency, Hence considered as PASS.

64.63

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12

12281.304

-28.86

Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: WWW.aaemtlabs.com Decision Rule Used: Simple Acceptance (i.e., w = 0, Acceptance Limit = Tolerance Limit) as Per ILAC-G8:09/2019 AAEMT/A2LA/TRF/FCC-PART96/25_01_REV1

35.77

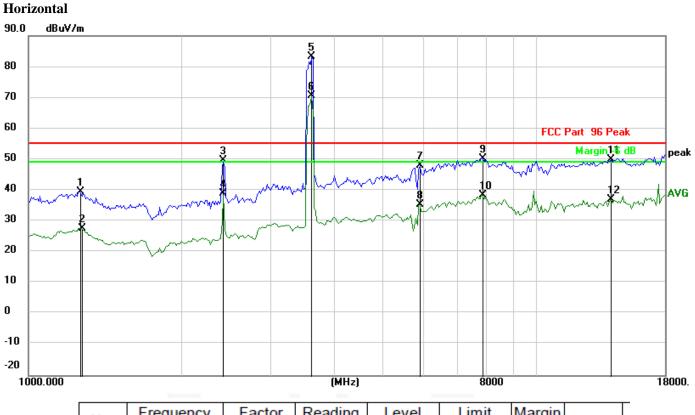
55.25

-19.48

AVG







No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1260.733	-10.15	49.76	39.61	55.25	-15.64	peak
2	1268.057	-10.15	37.81	27.66	55.25	-27.59	AVG
3	2425.957	-9.95	59.54	49.59	55.25	-5.66	peak
4	2425.957	-9.95	49.00	39.05	55.25	-16.20	AVG
5	3600.570	-4.01	87.19	83.18	55.25	27.93	peak
6	3617.911	-4.04	74.77	70.73	55.25	15.48	AVG
7	5919.457	0.16	48.02	48.18	55.25	-7.07	peak
8	5919.457	0.16	35.32	35.48	55.25	-19.77	AVG
9	7862.218	5.74	44.51	50.25	55.25	-5.00	peak
10	7862.218	5.74	32.74	38.48	55.25	-16.77	AVG
11	14112.966	13.00	37.12	50.12	55.25	-5.13	peak
12	14112.966	13.00	24.13	37.13	55.25	-18.12	AVG

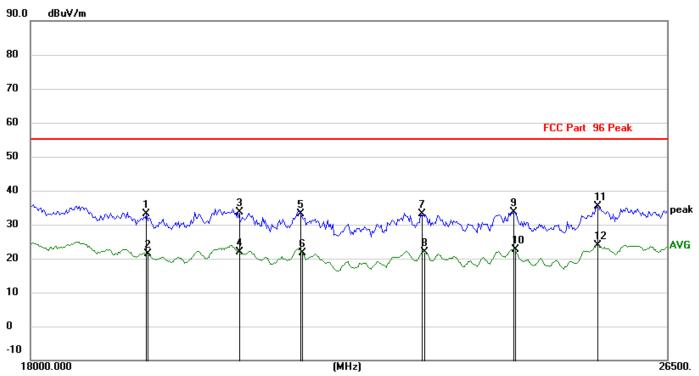
Note:- Marker 5 & 6 is desired intentional frequency, Hence considered as PASS.

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#### Vertical



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	19315.454	-6.94	40.14	33.20	55.25	-22.05	peak
2	19330.431	-6.93	28.23	21.30	55.25	-33.95	AVG
3	20424.036	-6.63	40.19	33.56	55.25	-21.69	peak
4	20439.872	-6.63	28.42	21.79	55.25	-33.46	AVG
5	21214.653	-6.44	39.49	33.05	55.25	-22.20	peak
6	21231.103	-6.44	28.07	21.63	55.25	-33.62	AVG
7	22818.034	-6.09	39.10	33.01	55.25	-22.24	peak
8	22853.434	-6.08	28.06	21.98	55.25	-33.27	AVG
9	24146.349	-5.85	39.54	33.69	55.25	-21.56	peak
10	24165.072	-5.84	28.41	22.57	55.25	-32.68	AVG
11	25394.039	-5.66	41.09	35.43	55.25	-19.82	peak
12	25413.729	-5.65	29.55	23.90	55.25	-31.35	AVG

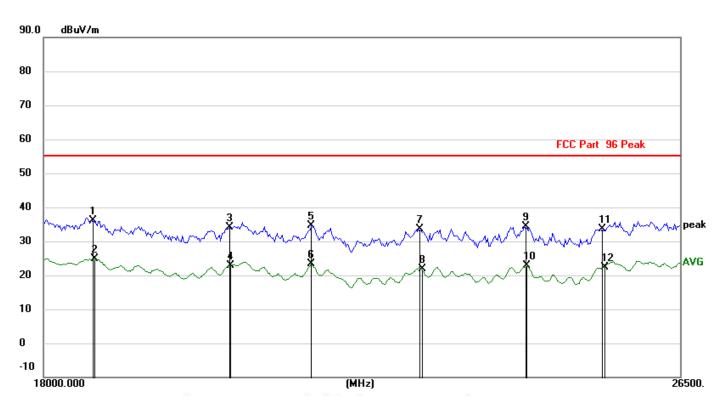
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Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com Decision Rule Used: Simple Acceptance (i.e., w = 0, Acceptance Limit = Tolerance Limit) as Per ILAC-G8:09/2019 AAEMT/A2LA/TRF/FCC-PART96/25_01_REV1





#### Horizontal



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	18538.051	-7.16	43.29	36.13	55.25	-19.12	peak
2	18552.425	-7.15	31.93	24.78	55.25	-30.47	AVG
3	20156.681	-6.71	40.84	34.13	55.25	-21.12	peak
4	20172.310	-6.70	29.55	22.85	55.25	-32.40	AVG
5	21181.792	-6.45	41.05	34.60	55.25	-20.65	peak
6	21181.792	-6.45	29.71	23.26	55.25	-31.99	AVG
7	22606.784	-6.13	39.78	33.65	55.25	-21.60	peak
8	22641.856	-6.12	28.06	21.94	55.25	-33.31	AVG
9	24108.947	-5.85	40.14	34.29	55.25	-20.96	peak
10	24127.641	-5.85	28.76	22.91	55.25	-32.34	AVG
11	25256.632	-5.68	39.20	33.52	55.25	-21.73	peak
12	25315.429	-5.67	28.06	22.39	55.25	-32.86	AVG

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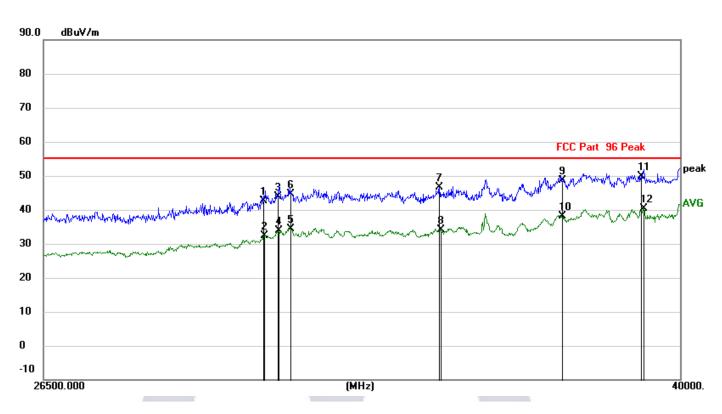
Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: www.aaemtlabs.com Decision Rule Used: Simple Acceptance (i.e., w = 0, Acceptance Limit = Tolerance Limit) as Per ILAC-G8:09/2019

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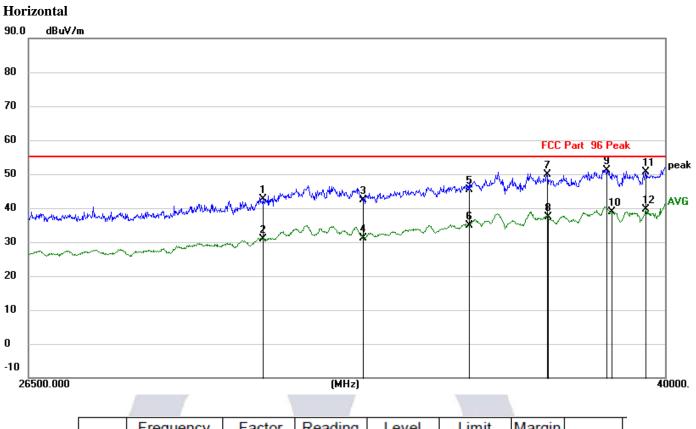
Vertical



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	30544.762	1.38	41.23	42.61	55.25	-12.64	peak
2	30557.341	1.38	31.00	32.38	55.25	-22.87	AVG
3	30848.090	1.44	42.53	43.97	55.25	-11.28	peak
4	30860.794	1.44	32.35	33.79	55.25	-21.46	AVG
5	31077.562	1.48	33.00	34.48	55.25	-20.77	AVG
6	31090.360	1.48	43.13	44.61	55.25	-10.64	peak
7	34234.836	1.99	44.52	46.51	55.25	-8.74	peak
8	34248.935	2.00	32.02	34.02	55.25	-21.23	AVG
9	37051.054	2.48	46.24	48.72	55.25	-6.53	peak
10	37051.054	2.48	35.76	38.24	55.25	-17.01	AVG
11	39007.878	2.79	47.02	49.81	55.25	-5.44	peak
12	39056.091	2.80	37.48	40.28	55.25	-14.97	AVG





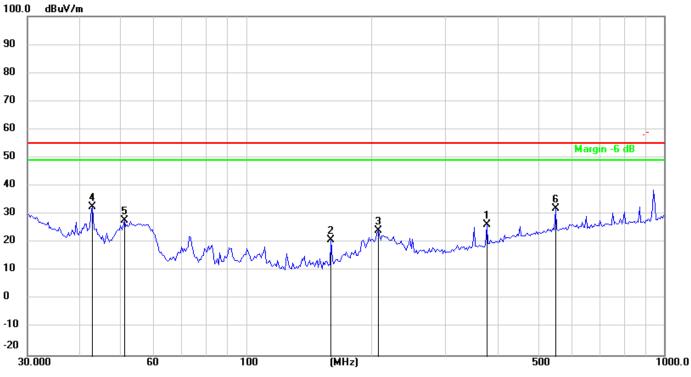


						1	
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	30848.090	1.44	41.21	42.65	55.25	-12.60	peak
2	30848.090	1.44	29.51	30.95	55.25	-24.30	AVG
3	32894.500	1.80	40.48	42.28	55.25	-12.97	peak
4	32894.500	1.80	29.38	31.18	55.25	-24.07	AVG
5	35221.385	2.15	43.33	45.48	55.25	-9.77	peak
6	35221.385	2.15	32.74	34.89	55.25	-20.36	AVG
7	37051.054	2.48	47.32	49.80	55.25	-5.45	peak
8	37081.577	2.49	34.93	37.42	55.25	-17.83	AVG
9	38529.015	2.72	48.50	51.22	55.25	-4.03	peak
10	38656.134	2.74	36.22	38.96	55.25	-16.29	AVG
11	39508.957	2.87	47.76	50.63	55.25	-4.62	peak
12	39508.957	2.87	36.80	39.67	55.25	-15.58	AVG





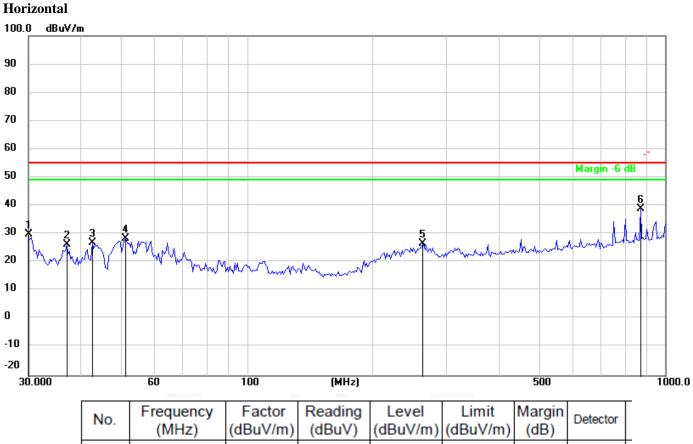
# Channel Bandwidth: 100MHz 3625.005MHz Vertical



No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	376.5227	-7.70	33.92	26.22	55.25	-29.03	peak
2	159.7583	-15.80	36.69	20.89	55.25	-34.36	peak
3	207.1966	-13.06	37.21	24.15	55.25	-31.10	peak
4	42.9305	-17.57	50.14	32.57	55.25	-22.68	peak
5	51.1754	-14.86	42.59	27.73	55.25	-27.52	peak
6	550.2902	-4.79	36.82	32.03	55.25	-23.22	peak





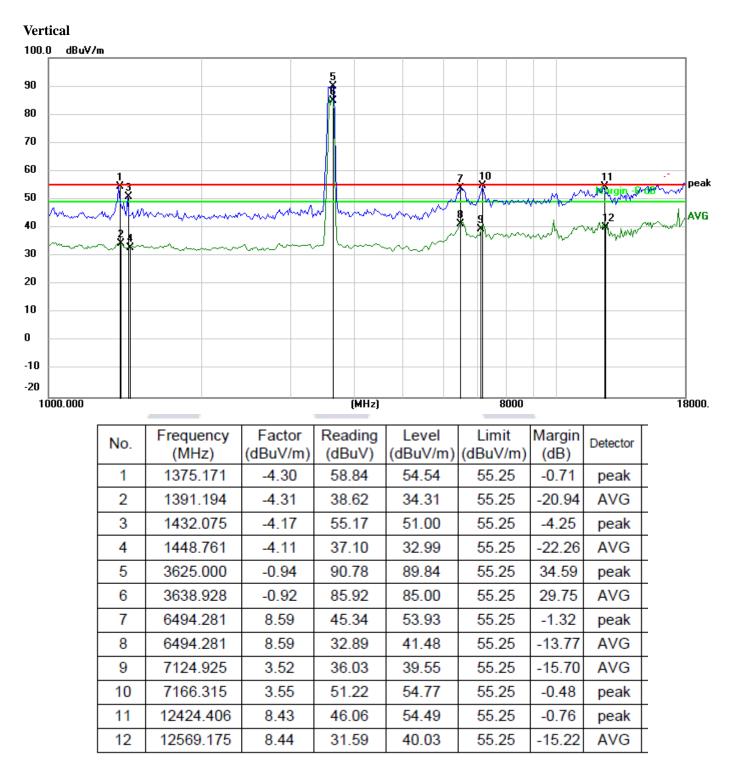


	0.	(MHz)	(dBuV/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1	1	30.0000	-11.92	41.89	29.97	55.25	-25.28	peak
2	2	37.0405	-17.48	43.69	26.21	55.25	-29.04	peak
	3	42.6299	-15.69	42.54	26.85	55.25	-28.40	peak
4	4	51.1755	-12.86	41.20	28.34	55.25	-26.91	peak
(	5	263.1154	-8.73	35.46	26.73	55.25	-28.52	peak
(	6	875.0132	1.92	37.09	39.01	55.25	-16.24	peak

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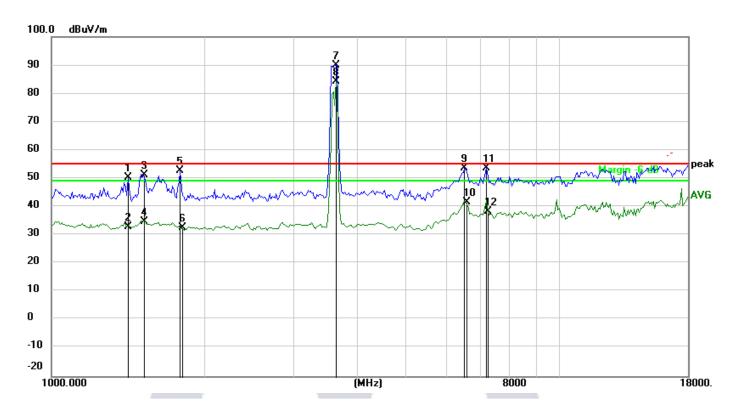


Note:- Marker 5 & 6 is desired intentional frequency, Hence considered as PASS.





### Horizontal



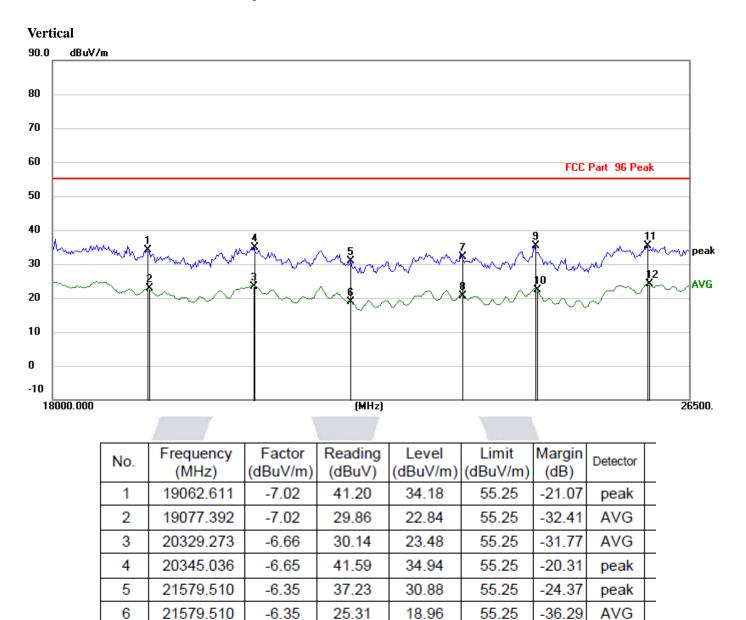
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1415.580	21.71	28.72	50.43	55.25	-4.82	peak
2	1415.580	21.71	11.26	32.97	55.25	-22.28	AVG
3	1517.475	22.13	29.10	51.23	55.25	-4.02	peak
4	1526.290	22.14	12.76	34.90	55.25	-20.35	AVG
5	1795.036	22.49	30.19	52.68	55.25	-2.57	peak
6	1805.464	22.50	10.19	32.69	55.25	-22.56	AVG
7	3625.000	29.20	60.64	89.84	55.25	34.59	peak
8	3638.928	29.24	55.11	84.35	55.25	29.10	AVG
9	6532.007	29.99	23.64	53.63	55.25	-1.62	peak
10	6569.953	31.25	10.46	41.71	55.25	-13.54	AVG
11	7207.945	39.75	13.86	53.61	55.25	-1.64	peak
12	7249.817	39.80	-1.42	38.38	55.25	-16.87	AVG

Note:- Marker 7 & 8 is desired intentional frequency, Hence considered as PASS.

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7

8

9

10

11

12

23084.875

23102.774

24127.641

24165.072

25830.774

25850.803

-6.05

-6.05

-5.85

-5.84

-5.60

-5.59

38.25

26.70

41.28

28.23

41.05

29.70

32.20

20.65

35.43

22.39

35.45

24.11

55.25

55.25

55.25

55.25

55.25

55.25

-23.05

-34.60

-19.82

-32.86

-19.80

-31.14

peak

AVG

peak

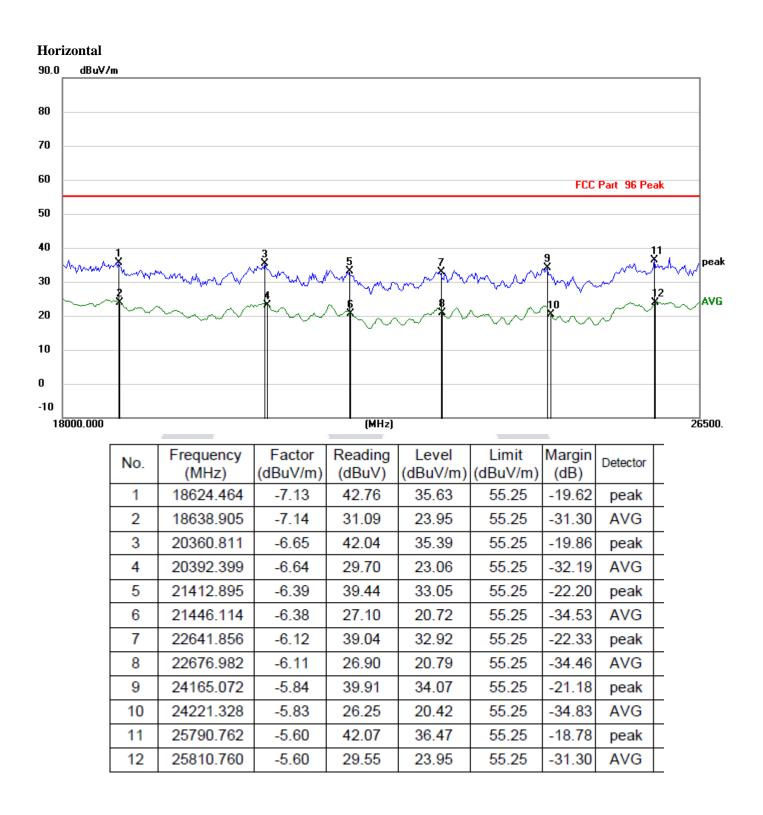
AVG

peak

AVG







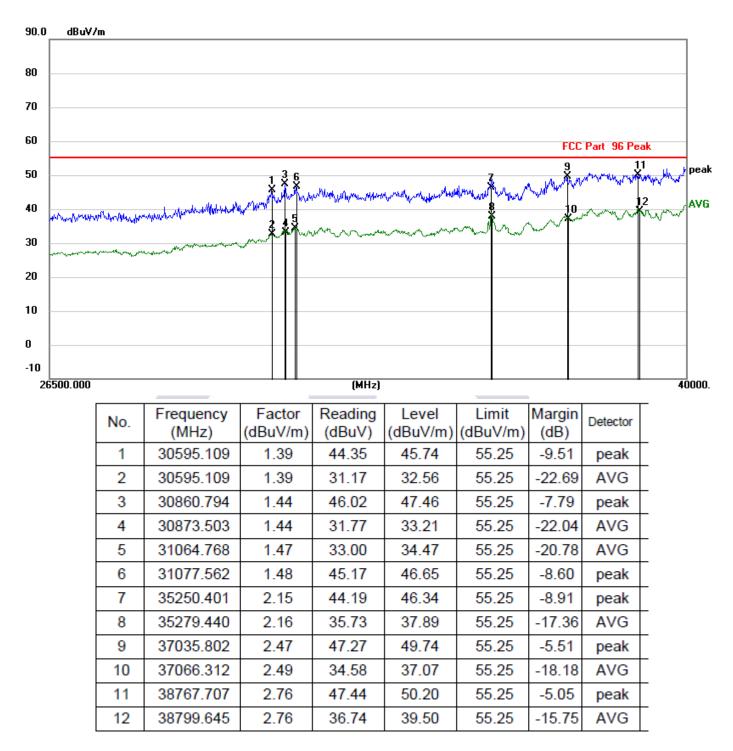
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Plot No.174, Udyog Vihar Phase 4, Sector -18, Gurgaon -122016, Haryana, India Contact:0124-4235350, 4145343; e-mail: info @aaemtlabs.com; Website: WWW.aaemtlabs.com Decision Rule Used: Simple Acceptance (i.e., w = 0, Acceptance Limit = Tolerance Limit) as Per ILAC-G8:09/2019 AAEMT/A2LA/TRF/FCC-PART96/25_01_REV1





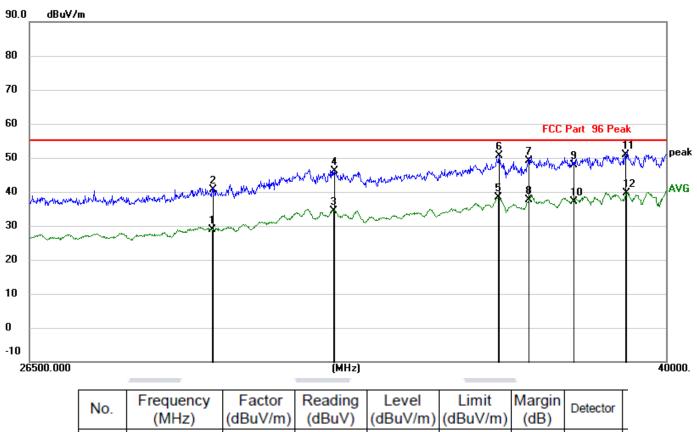








## Horizontal



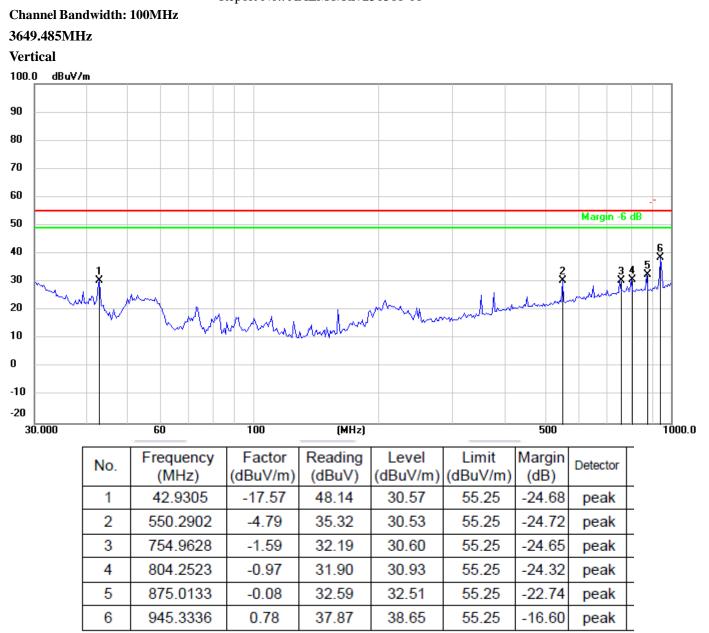
No.	(MHz)	(dBuV/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1	29811.698	1.22	27.59	28.81	55.25	-26.44	AVG
2	29823.975	1.23	39.28	40.51	55.25	-14.74	peak
3	32264.060	1.69	32.68	34.37	55.25	-20.88	AVG
4	32277.347	1.70	44.51	46.21	55.25	-9.04	peak
5	35894.828	2.27	36.23	38.50	55.25	-16.75	AVG
6	35909.610	2.28	48.32	50.60	55.25	-4.65	peak
7	36581.148	2.40	46.74	49.14	55.25	-6.11	peak
8	36596.213	2.40	35.21	37.61	55.25	-17.64	AVG
9	37666.315	2.58	45.21	47.79	55.25	-7.46	peak
10	37666.315	2.58	34.65	37.23	55.25	-18.02	AVG
11	38943.688	2.79	48.04	50.83	55.25	-4.42	peak
12	38975.770	2.79	36.78	39.57	55.25	-15.68	AVG



# AA Electro Magnetic Test Laboratory Private Limited



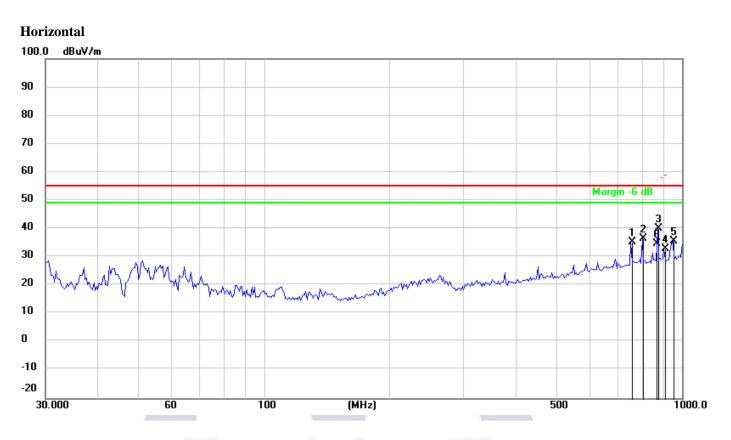
Report No.: AAEMT/RF/250311-01



Decision Rule Used: Simple Acceptance (i.e., w = 0, Acceptance Limit = Tolerance Limit) as Per ILAC-G8:09/2019 AAEMT/A2LA/TRF/FCC-PART96/25_01_REV1





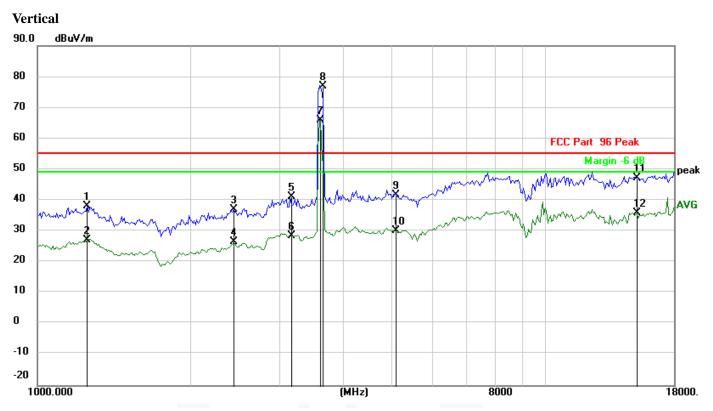


					-		
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	754.9628	0.41	34.98	35.39	55.25	-19.86	peak
2	804.2523	1.03	35.40	36.43	55.25	-18.82	peak
3	875.0133	1.92	38.09	40.01	55.25	-15.24	peak
4	906.3041	2.36	30.46	32.82	55.25	-22.43	peak
5	952.0001	2.85	32.72	35.57	55.25	-19.68	peak
6	1000.0000	3.32	31.57	34.89	55.25	-20.36	peak

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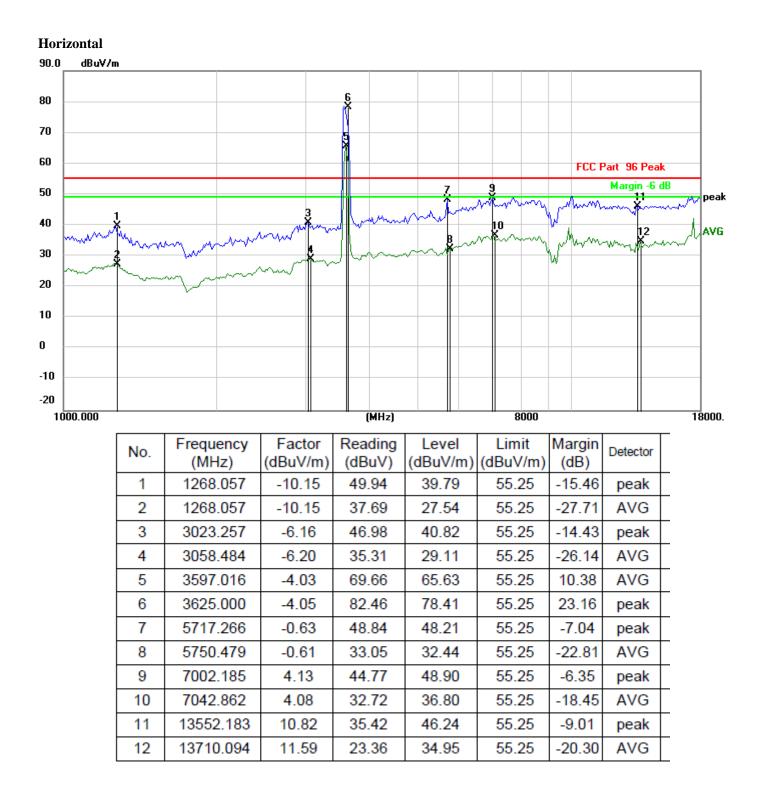
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	1253.451	-36.03	74.30	38.27	55.25	-16.98	peak
2	1253.451	-36.03	63.17	27.14	55.25	-28.11	AVG
3	2440.050	-37.30	74.44	37.14	55.25	-18.11	peak
4	2440.050	-37.30	63.86	26.56	55.25	-28.69	AVG
5	3148.358	-35.73	76.87	41.14	55.25	-14.11	peak
6	3166.647	-35.78	64.20	28.42	55.25	-26.83	AVG
7	3617.911	-34.17	100.05	65.88	55.25	10.63	AVG
8	3649.755	-34.27	111.30	77.03	55.25	21.78	peak
9	5062.457	-34.06	75.87	41.81	55.25	-13.44	peak
10	5091.865	-34.11	64.43	30.32	55.25	-24.93	AVG
11	15128.826	-28.38	75.52	47.14	55.25	-8.11	peak
12	15216.711	-28.24	64.33	36.09	55.25	-19.16	AVG

Note:- Marker 7 & 8 is desired intentional frequency, Hence considered as PASS.

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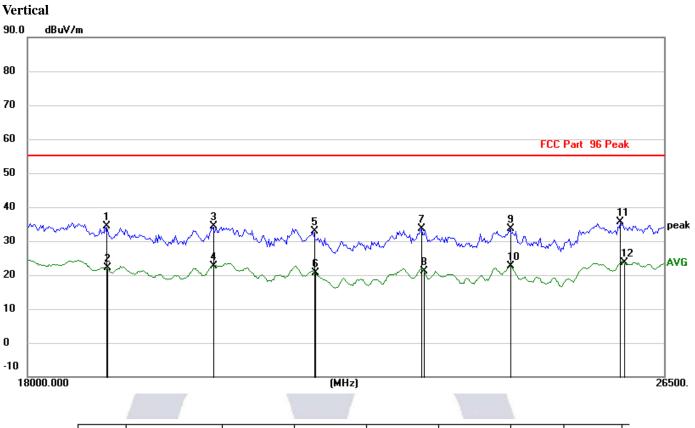
Note:- Marker 5 & 6 is desired intentional frequency, Hence considered as PASS.

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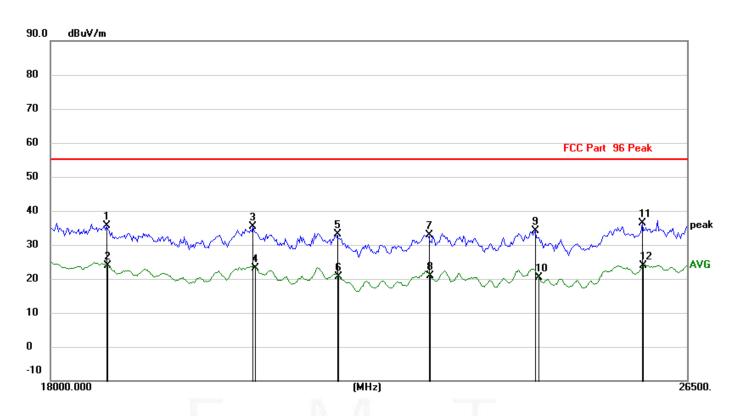


No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	18871.496	-7.07	41.36	34.29	55.25	-20.96	peak
2	18886.129	-7.07	29.09	22.02	55.25	-33.23	AVG
3	20141.064	-6.71	41.12	34.41	55.25	-20.84	peak
4	20141.064	-6.71	29.40	22.69	55.25	-32.56	AVG
5	21412.895	-6.39	39.30	32.91	55.25	-22.34	peak
6	21446.114	-6.38	27.10	20.72	55.25	-34.53	AVG
7	22871.154	-6.08	39.59	33.51	55.25	-21.74	peak
8	22906.636	-6.08	27.11	21.03	55.25	-34.22	AVG
9	24127.641	-5.85	39.59	33.74	55.25	-21.51	peak
10	24146.349	-5.85	28.42	22.57	55.25	-32.68	AVG
11	25810.760	-5.60	41.12	35.52	55.25	-19.73	peak
12	25850.803	-5.59	29.24	23.65	55.25	-31.60	AVG





#### Horizontal



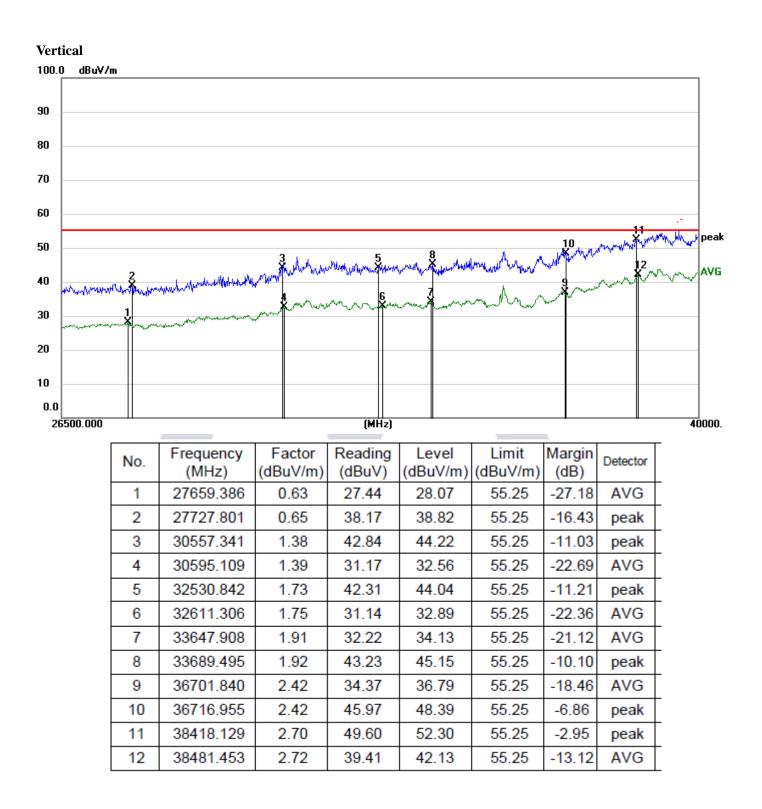
No.	Frequency (MHz)	Factor (dBuV/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	18624.464	-7.13	42.76	35.63	55.25	-19.62	peak
2	18638.905	-7.14	31.09	23.95	55.25	-31.30	AVG
3	20360.811	-6.65	42.04	35.39	55.25	-19.86	peak
4	20392.399	-6.64	29.70	23.06	55.25	-32.19	AVG
5	21412.895	-6.39	39.44	33.05	55.25	-22.20	peak
6	21446.114	-6.38	27.10	20.72	55.25	-34.53	AVG
7	22641.856	-6.12	39.04	32.92	55.25	-22.33	peak
8	22676.982	-6.11	26.90	20.79	55.25	-34.46	AVG
9	24165.072	-5.84	39.91	34.07	55.25	-21.18	peak
10	24221.328	-5.83	26.25	20.42	55.25	-34.83	AVG
11	25790.762	-5.60	42.07	36.47	55.25	-18.78	peak
12	25810.760	-5.60	29.55	23.95	55.25	-31.30	AVG

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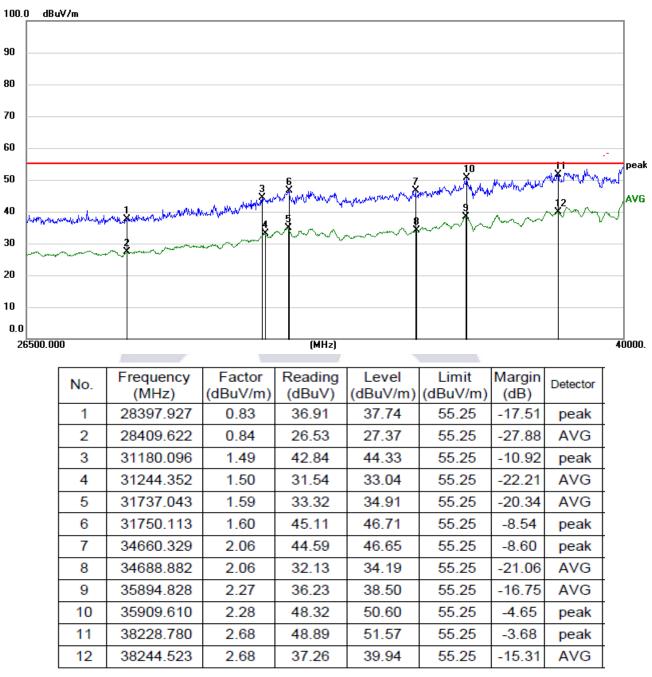












Note:- Testing is carried out in all possible configuration , only worst case data reported. This unit meets the FCC requirement.



# **End of Report**

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